

I. NEW SPECIES OF EPIPASCHIINÆ IN THE CARNEGIE AND NATIONAL MUSEUMS.

BY WILLIAM SCHAU.

(PLATES I-IV)

It has been most interesting to examine the material representing the *Epipaschiinæ* in the Carnegie Museum at Pittsburgh and to find forty-eight new species, which I now describe, also four new species of which the types are in the National Museum in Washington and paratypes in Pittsburgh. The Carnegie Museum has generously presented to the National Museum paratypes of twenty-one new species as follows: *Tetralopha hermasalis*, *Pococera nepomuca*, *Ajocara phileasalis*, *Jocara cantianilla*, *J. mava*, *J. desideria*, *J. sisinnia*, *J. hospitia*, *J. prudentia*, *J. sara*, *Macalla termenipuncta*, *M. aciusa*, *M. boliviana*, *Chloropaschia zenoa*, *C. venantia*, *C. epipodia*, *C. aniana*, *Stericta beвноa*, *S. paschasia*, *S. pontealis* and *S. possidia*; also specimens of *Pococera strigidiscalis* Hampson, and *Tancoa nigriplaga* (Dognin) not previously represented in the collection of the National Museum; as well as specimens of some other species hitherto inadequately represented in the national collection.

1. *Tioga juanalis*, sp. nov. Pl. I, fig. 23, ♂, *paratype*.

Male: Palpi, head, collar, and thorax white, some brown scaling on patagia; abdomen finely irrorated with brown; legs white, the tibiæ fuscous at base, the tarsi with brown rings. Forewing white; a black streak on base of costa; a broad antemedial, almost medial brownish drab fascia, largely suffused with black, much broader on inner margin than on costa; an outer narrow brownish drab line, slightly sinuous and with fuscous streaks on veins; an apical brown and fuscous patch from costa to vein 5, and smaller dark shades at tornus; terminal interspaces otherwise grayish with a few brown irrorations; a terminal fuscous line interrupted by veins; cilia white. Hindwing buff-white, with faint terminal dark suffusions. Expanse: 15 mm.

Habitat: St. Jean, Maroni River, French Guiana, collected in March, 1904, by Barnes and Schaus.

Type: male, U. S. N. M.; *paratypes* in the Carnegie Museum from Valley of Oyapok River (S. M. Klages, *coll.*).

2. ***Tetralopha hermasalis*** sp. nov. Pl. I, fig. 18, ♂; fig. 19, ♀, *paratypes*.

Male: Palpi fuscous, irrorated with white. Head, collar, and thorax white, mottled with a few fuscous scales; a black patch on metathorax. Abdomen white, irrorated with fuscous; segmental lines dorsally light ochraceous buff. Legs white, finely irrorated with fuscous; tarsi fuscous with white rings. Fore wing above with a long fovea in cell; a large white spot at base, somewhat outangled, a black point at base of costa and black line at base of inner margin; antemedial line broad, somewhat macular, from costa to below cell angled, narrow, and inbent to inner margin; costal margin on medial space broadly fuscous black, with a few white irrorations; medial space whitish, irrorated from below cell with tawny olive and curly white scales; veins 1-4 irrorated with black and white to postmedial line; postmedial fuscous, with black dentate lines on veins 2-5, outcurved beyond cell, then slightly incurved and faintly outcurved at vein 1; a subterminal black spot at apex and a broad tawny olive shade below it to inner margin; an interrupted marginal black line, and a fine terminal white line; cilia tawny olive at base, with fuscous mottling, the tips white. Hind wing semihyaline whitish, the veins dark, the termen suffused with fuscous especially at apex. Wings below whitish, the fore wing with broad terminal and postmedial fuscous shades, the hind wing with similar shading at apex and postmedial line at costa. Expanse: 20 mm.

Associated with the male are three females, which have been referred to this species, one of which, the allotype, is figured on the plate together with the male.

Habitat: Santa Cruz de la Sierra, Bolivia, Elevation 450 m.

Type: male, allotype and paratypes, females, Carnegie Museum, Acc. No. 4,543, July, 1910 (J. Steinbach *coll.*).

3. ***Tetralopha cataldusa***, sp. nov. Pl. I, fig. 28, ♂, *type*.

Male: Palpi, head, collar, and thorax white, with some drab mottling. Abdomen ochraceous buff with fine dark segmental lines dorsally. Legs whitish mottled with drab. Fore wing above with a long fovea in cell, grayish, faintly suffused with pale isabella color; a small white annulus in cell defined by black and interrupting an indistinct outbent fine antemedial black line, which is preceded below cell by a small cluster of black scales, to which it is joined at median vein; costa medially darker shaded; some black scaling below cell at vein 2, faintly continued to inner margin; faint postmedial dark

streaks on veins connected by a faint similar shade; a faint darker subterminal line; the termen more distinctly grayish with a fuscous macular line; cilia white, dark shaded at base. Hind wing semihyaline white suffused with drab, more pronounced on termen, the veins finely drab; cilia white. Fore wing below drab, the inner margin white, the costal ridge of scales brownish buff. Hind wing below pale drab, the apex faintly darker. Expanse: 19 mm.

Habitat: Prov. del Sara, Bolivia.

Type: male, Carnegie Museum, Acc. No. 5,058, December, 1911 (J. Steinbach, *coll.*).

4. **Tetralopha gybriana**, sp. nov. Pl. I, fig. 26, ♀, *type*.

Female: Head, collar, and thorax white, with some drab mottling. Abdomen ochraceous buff, with a few dark irrorations and traces of segmental lines. Legs mostly white irrorated with drab. Fore wing white irrorated with drab; basal area darker, limited by an outbent antemedial broad black line, diverging below cell, the inner branch expanding into a streak below cell to vein 1, the outer fine, and followed throughout by a narrow white fascia and a fine dark, parallel, medial line; a small raised tuft of black and white scales in cell above vein 3; a few black scales on discocellular and isolated black scales from base of vein 2 to vein 1; postmedial line vertical, hardly sinuous, drab, finely dentate; subterminal crossed by drab streaks to termen; a terminal fuscous macular line. Hind wing semihyaline white, suffused with drab, especially on termen, the veins finely drab; cilia white. Fore wing below with a darker postmedial dentate line followed by whitish; termen darker shaded. Hind wing with terminal dark suffusion at apex continued narrowly along termen; traces of a postmedial line on costa. Expanse: 19 mm.

Habitat: Prov. del Sara, Bolivia.

Type: female, Carnegie Museum, Acc. No. 5,571, August, 1914 (J. Steinbach, *coll.*).

This is very possibly the female of *T. cataldusa* Schaus, as several details of the markings are similar.

5. **Auradisa corumbina**, subsp. nov. Pl. I, fig. 32, ♀, *type*.

Female: Similar to *A. corumba* Schaus, (Proc. Ent. Soc. Wash., Vol. XXIV, 1922, No. 9, p. 216.) The postmedial line on fore wing is more heavily marked, and the whitish inner margin below extends to cell. Expanse: 22 mm.

Habitat: Puerto Suarez, Bolivia; elevation 150 m.

Type: female, Carnegie Museum, Acc. No. 3,758, November, 1908 (J. Steinbach, *coll.*).

6. **Auradisa guianica**, sp. nov. Pl. I, fig. 34, ♀, *type*.

Female: Head and body above vinaceous buff; legs vinaceous buff, suffused with fawn-color, the tarsi darker, with pale rings. Forewing olive-buff, probably faded from olive-yellow; subbasal, double medial, and outer small black spots on costa; a benzo-brown streak on base of inner margin; a subbasal black point below cell; some antemedial, almost medial, dark scaling below cell, and a small similar streak above it in cell, followed by traces of a double medial line across median vein; a fine oblique black line on discocellular, followed by a heavier parallel line, expanding between veins 3 and 4; subterminal line whitish, oblique from costa, curved from vein 5 to vein 2; a subapical, almost round, black and dark brown spot; terminal quadrate black spots on interspaces. Hindwing hyaline whitish, the costa and termen narrowly suffused with fuscous black; the veins partly dark streaked; cilia olive-ocher tipped with white. Forewing below suffused with fuscous, the costa and termen tawny, the inner margin whitish. Hindwing below with the costa and termen narrowly suffused with tawny. Expanse: 27 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: female, Carnegie Museum, Acc. No. 6,173, March, 1918 (S. M. Klages, *coll.*).

A paratype in the U. S. National Museum from St. Jean, French Guiana (Barnes and Schaus, *coll.*).

7. **Auradisa brendana**, sp. nov. Pl. I, fig. 36, ♀, *type*.

Female: Palpi and head drab with some black hairs. Collar and thorax buff-white mottled with black and dark gray scales. Abdomen whitish buff finely irrorated with fuscous scales, the segments anteriorly benzo-brown, posteriorly white. Forewing white, finely irrorated with black; base, costal and inner margins suffused with cartridge-buff; an antemedial fuscous black spot from costa to median vein, continuing to inner margin as two fine indistinct lines; a fine dark medial line outbent to inner margin near postmedial, the latter remote, incurved from costa to vein 5, then less incurved to inner margin, preceded by a fuscous shade opposite cell and between veins 2 and 1, followed closely by a parallel fainter line, the space between whitish gray; a fuscous black shade on costa adjoining the subterminal line; terminal black spots on interspaces; cilia buff-white with some faint smoky spots. Hindwing semihyaline white, somewhat suffused with drab, more so on termen; traces of narrow terminal black shading. Forewing below hair-brown; cilia white with faint smoky spots. Hind wing below with costa and termen suffused with hair-brown. Expanse: 25 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: female, Carnegie Museum, Acc. No. 6,173, March, 1918 (S. M. Klages, *coll.*).

8. **Tancoa ubalda**, sp. nov. Pl. I, fig. 11, ♀, *type*.

Female: Palpi fuscous mottled with tawny at base, the fringe on second joint tipped with white. Frons fuscous; vertex and collar light drab. Thorax deep purplish gray, the patagia drab-gray. Abdomen whitish buff, finely dark irrorated. Fore and hind tibiæ and tarsi fuscous ringed with white, the hind tibiæ and tarsi wood-brown with white rings. Fore wing at base broadly drab-gray, with some black and tawny irrorations chiefly on costa; an antemedial army-brown line with raised clusters of fuscous black scales below cell and vein 1, preceded and followed by whitish shades; a fine lunular black medial line, followed by a faint straighter line and an army-brown shade; a large black spot over discocellular and reaching vein 2 with a black line from it to medial line at median vein, the space beyond to postmedial light grayish with darker irrorations and black scales; postmedial line white, oblique and outcurved, inangled at vein 2, inwardly defined by black scales, outwardly by an army-brown shade expanding towards costa; termen narrowly white; terminal black spots; cilia army-brown at apex, below it vinaceous fawn tipped with white towards tornus. Hind wing semihyaline suffused with drab, the termen with hair-brown; cilia tipped with white. Fore wing below fuscous black, the inner margin white; costal margin tawny expanding towards apex. Hind wing below with the costal margin and termen fuscous with a tawny shade on costa at apex. Expanse: 27 mm.

Habitat: Prov. del Sara, Bolivia; elevation 450 m.

Type: female, Carnegie Museum, Acc. No. 5,571, July, 1914 (J. Steinbach, *coll.*).

9. **Tancoa silavia**, sp. nov. Pl. I, fig. 13, ♂, *type*.

Male: Palpi cinnamon-drab, irrorated with black. Head, collar, and shoulders isabella-color; thorax, patagia, and a dorsal spot on collar, iron-gray. Abdomen drab with black irrorations, terminally hair-brown, the anal tufts whitish buff. Fore legs tawny, the tarsi with fine white rings. Fore wing mostly cinnamon-buff, the costa irrorated with black, also the base of inner margin; an antemedial buff-white shade outbent from subcostal; a fine, lunular, medial black line proximally edged with buff-white; some black scaling on discocellular and a few black scales incurved from it to inner margin; space beyond cell to postmedial from vein 3 to vein 7 mouse-gray irrorated with black; below vein 3 a large whitish spot suffused with

gray on inner margin; postmedial remote, oblique, and outcurved, slightly inangled at vein 2, inwardly defined by a fine dark line, outwardly followed by a darker cinnamon shade, widest before apex and irrorated with black; terminal paired black spots almost forming a line; cilia divided by a smoky line, the tips whitish. Hind wing semihyaline white, the costal margin and termen narrowly suffused with hair-brown; cilia with a dark line, the tips broadly white. Fore wing below fuscous, the costa tawny, somewhat paler at apex. Expanse: 23 mm.

Habitat: Prov. del Sara, Bolivia; elevation 450 m.

Type: male, Carnegie Museum, Acc. No. 5,571, July, 1914 (J. Steinbach, coll.).

AJACANIA, gen. nov.

Male: Palpi upturned, reaching well above head and hollowed out to receive the brush-like maxillary palpi; the third joint short. Antennæ with short cilia and a well developed process from base. The legs smoothly scaled, the hind tibiæ without medial spurs. Fore wing terminally broad; vein 2 from before end of cell; 3 slightly down-curved from lower angle; 4 and 5 from lower angle on a long stalk, which is densely scaled and has a narrow fovea below it; a large fovea between stalk of 4 and 5 and vein 6; veins 6-10 stalked, 6 very shortly, and with a fovea between it and vein 7; 11 from cell. Hind wing with upper part of cell short; veins 3, 4, and 5 radiating from lower angle; 6 from upper angle; 7 anastomosing with 8. Type of genus: *Ajacania steinbachalis* Schaus.

10. *Ajacania steinbachalis*, sp. nov. Pl. II, fig. 22, ♂, *type*.

Male: Palpi white in front, laterally dark livid brown. Head, collar, and thorax drab-gray, with some slightly darker irrorations; the process drab with some black scaling in front. Abdomen above with some segments chætura-drab, others drab-gray with black irrorations, ventrally grayish white; legs mottled drab and white, the tarsi outwardly black with white rings. Fore wing: base sayal-brown, its outer edge obliquely curved and with fine black scales on it preceded by an antemedial faint line of black scales expanding on inner margin into a spot and also a black spot in cell before it, the whole followed by a white fascia; space beyond to postmedial line light drab with a few black scattered scales; a small black spot on discocellular; the fovea beyond pale drab-gray with a white shade on costa above it; postmedial line indicated on costa by a few black scales followed by a sayal-brown shade, by heavier black scaling on outer edge of large fovea and below vein 3 to inner margin by a fine black line, which is distally shaded with light cinnamon-brown; terminal space light mouse-gray; an interrupted terminal black line; cilia buffish crossed by two drab lines. Hind wing bronzy drab; cilia hair-brown,

tipped with white and a light buff line at base. Expanse: 18 mm.

Habitat: Rio Japacani, Bolivia.

Type: male, Carnegie Museum, Acc. No. 5,571, February, 1915 (J. Steinbach, *coll.*).

AJOCARA, gen. nov.

Male: Palpi long, smooth, hollowed out and containing the brush-like maxillary palpi, the third joint very short. Antenna with short cilia and a long process from base heavily fringed in front. Legs smooth, the mid tibia with slight fringe. Fore wing: costa dilated to form a lobe before apex and fringed above with downturned hairs; veins 4 and 5 radiating from lower angle of cell; 6 from upper angle; 7, 8, 9 stalked, 10 and 11 from end of cell; veins 9, 10, 11 and costal vein up-curved to costal prominence. Hind wing: veins 4 and 5 radiating from lower angle of cell; 6 from upper angle; 7 anastomosing with 8. Type of genus: *Ajocara amazona* Schaus.

This may be considered a section of *Jocara* to include *J. ædiperalis* Hampson and *A. phileasalis* Schaus.

11. *Ajocara amazona*, sp. nov. Pl. II, fig. 25, ♂, *paratype*.

Male: Palpi, head, body, and fore wing isabella-color, probably olive-yellow when fresh; abdomen above with some minute, faint, darker irrorations and whitish segmental lines. Fore wing: some black and tawny irrorations chiefly below cell medially, forming a short streak, also along median and in interspaces near cell; a black line on discocellular; from upper angle of cell a streak of downturned deep mouse-gray, bristly hairs, upbent to costal prominence and a shorter streak of upturned hairs along vein 6 to outer line; some black scaling, forming an interrupted and indistinct double outer line; some terminal black scaling on interspaces. Hind wing thinly scaled, suffused with avellaneous. Wings below mostly light buff, the costal margins isabella-color, the disc of fore wing somewhat smoky neutral gray. Expanse: 25 mm.

Habitat: São Paulo de Olivença, Amazons.

Type: male, Cat. No. 27,464, United States National Museum; *paratype*; Carnegie Museum, Acc. No. 7,088, February, 1922, from Hyutanahan, Rio Purús (S. M. Klages, *coll.*); a *paratype* also in Coll. Dognin.

12. *Ajocara phileasalis*, sp. nov. Pl. II, fig. 24, ♂, *type*.

Male: Palpi light ochraceous buff with a few black irrorations. Head and process whitish buff, the latter with a black streak in front and tawny hairs behind. Collar and thorax honey-yellow (faded from green?), the patagia tipped with mouse-gray. Abdomen above tawny

olive, the basal segment buff-white. Legs mostly pale ochraceous buff. Fore wing: basal half of costa, cell, and a streak beyond, below subcostal, honey-yellow (green?); wing otherwise whitish, thickly irrorated with buffy olive and black; a long black and fuscous streak below cell; some tawny irrorations antemedially below cell; a white line from within end of cell, vertical, somewhat lunular, defined by brownish olive scaling; the hairs on costal lobe black, those beyond upper angle of cell natal-brown, below them a blackish mouse-gray streak from cell; an outer whitish line defined by the irrorations; terminal black spots; cilia like wing. Hind wing whitish, suffused with light buff, the veins terminally and outer margin suffused with hair-brown. Fore wing below glossy drab, the inner margin white; cell and interspaces near cell black; costa light buff mottled with tawny. Hind wing below with termen as above; dark outer streaks on veins connected by a faint smoky line; a spot at upper angle of cell; costa light buff with chætura-drab irrorations. Expanse: 25 mm.

Habitat: Hyutanahan, Rio Purús, Brazil.

Type: male, Carnegie Museum, Acc. No. 6,963, April, 1922 (S. M. Klages, *coll.*).

13. *Pococera nepomuca*, sp. nov. Pl. I, fig. 4, ♂, *type*.

Male: Palpi brownish olive above, buff-white below. Head and collar isabella-color, the thorax similar, mottled with white. Abdomen cream-buff with traces of dark segmental lines. Legs mostly cream-buff, suffused with ecru-olive, the fore and hind tibiae outwardly isabella-color, the mid and hind tarsi outwardly fuscous with white rings. Fore wing white, largely suffused with light brownish olive; a black point in cell and streak beyond; a dark antemedial patch below cell outwardly edged by an outbent white line from within cell, followed by a parallel medial light brownish olive line; a faint outbent line of black scales from below streak in cell to inner margin with a dark patch on its outer edge above vein 1; a fuscous black lunule on discocellular, followed by a dark patch to the subterminal line, the latter white, vertical, distinct on costa, faintly outcurved below vein 6 and somewhat incurved to inner margin, whitish and fine, with blackish streaks on veins 4-7 beyond it; the termen dark shaded from vein 5 to apex; terminal quadrate fuscous spots; cilia buff-white, crossed by some smoky shading. Hind wing semihyaline whitish, the termen suffused with fuscous, the veins dark. Fore wing below suffused with hair-brown; postmedial black streaks on veins, followed by the subterminal pale line. Hind wing below with less suffusion on termen and traces of a postmedial line. Expanse: 19 mm.

Habitat: Santa Cruz de la Sierra, Bolivia; elevation 450 m.

Type: male, Carnegie Museum, Acc. No. 4,543, August, 1913 (J. Steinbach, *coll.*). .

14. *Jocara mava*, sp. nov. Pl. II, fig. 29, ♀, *type*.

Female: Palpi, head, and collar isabella-color; thorax slightly paler; the metathorax whitish with black irrorations. Abdomen with basal segment whitish, then isabella-color with dark irrorations, the three terminal segments hair-brown with pale segmental lines. Legs mostly whitish buff, the tarsi hair-brown with pale rings. Fore wing: costa and cell chamois, probably green when fresh; inner margin for two-thirds suffused with whitish; a medial black point below cell and a similar point on discocellular; below vein 2 a double inbent hair-brown line; postmedial line chamois, slightly outcurved beyond cell, defined proximally from below vein 6 by a buffy olive shade irrorated with black, distally by the light brownish olive terminal space, which is crossed by a faint subterminal hair-brown dentate line; terminal black spots on interspaces; cilia hair-brown. Hind wing semihyaline, suffused with æneous drab, the termen darker shaded. Fore wing below silky drab, the costa narrowly chamois not reaching apex. Hind wing below with costa buffish, irrorated with drab; a small hair-brown spot at upper angle of cell; traces of a subterminal line near the dark terminal space. Expanse: 22 mm.

Habitat: Rio Japacani, E. Bolivia; elevation 600 m.

Type: female, Carnegie Museum, Acc. No. 5,571, February, 1914 (J. Steinbach, *coll.*).

Can be placed near *J. marchiana* Schaus.

15. *Jocara oduvalda*, sp. nov. Pl. II, fig. 26, ♂, *type*.

Male: Palpi, head, process, collar, and thorax avellaneous, the palpi dark brown above, the process tipped with hair-brown, the patagia mottled with fuscous and cinnamon-drab. Legs light buff, the fore femora and tibiæ streaked with fuscous, the tarsi fuscous with pale rings. Fore wing avellaneous, inner margin to cell darker; a subbasal fuscous line across costa and cell; a short black streak below cell beyond middle, followed by a fine sinuous black line starting from a small black spot on costa, defined from vein 3 to inner margin by avellaneous on either side; a black spot on discocellular; postmedial space benzo-brown to post medial line, which is broad, black, emitting black streaks on proximal side between veins 2-5, outwardly edged with avellaneous and followed by a narrower parallel black line; termen avellaneous at apex, below vein 6 irrorated with olivaceous gray, the veins cinnamon-drab; terminal black spots on interspaces; cilia cinnamon-drab with smoky spots. Hind wing cinnamon-drab. Fore wing below fuscous, the inner margin broadly silvery white; a faint dark postmedial line. Hind wing below brownish

white; a spot at upper angle of cell, a postmedial line and termen benzo-brown. Expanse: 27 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,173, February, 1918 (S. M. Klages, *coll.*).

Easily distinguished by the uniform cinnamon-drab hind wing.

16. **Jocara desideria**, sp. nov. Pl. II, fig. 16, ♂, *type*.

Male: Palpi light buff with a fuscous streak behind and some blackish scales at tip. Process avellaneous mottled with fuscous black. Head and front of collar light buff, collar otherwise and thorax, iron-gray. Abdomen above whitish with broad deep neutral gray bands. Legs pale yellow-orange, the tarsi fuscous. Fore wing: basal half iron-gray, the costal edge pale yellow-orange; some isabella-color scaling in end of cell, and beyond cell, preceded by a short black streak; a black line on discocellular; basal space limited below end of cell by a double lunular black line filled in with white, outwardly edged with white between veins 3 and 1, and preceded below cell by a black streak longer than the streak in cell; postmedial space buffy brown tinged with citrine and irrorated with tawny between veins 2 and 6, its outer edge forming a very indistinct postmedial line, somewhat dentate, defined by a faint light cinnamon-drab shade distally, becoming white and vertical on inner margin; terminal space paler than postmedial space, crossed by a faint darker subterminal line; terminal smoky gray spots, very indistinct. Hind wing semihyaline white, suffused with light drab, becoming darker on termen. Fore wing below hair-brown, the costa, apex, and termen suffused with tawny; faint dark postmedial and subterminal lines. Fore wing below whitish, the apex cinnamon-drab; a faint postmedial line. Expanse: 25 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,173, March, 1918 (S. M. Klages, *coll.*).

Conspicuous owing to its iron-gray basal half.

17. **Jocara theodota**, sp. nov. Pl. II, fig. 7, ♀, *type*.

Female: Palpi and head sulphine-yellow. Collar and thorax iron-gray. Abdomen light buff, dorsally with orange-citrine bands. Legs light cinnamon-drab, irrorated with white, the tarsi dark with pale rings. Fore wing light cinnamon-drab, somewhat darker on terminal space; costa to near middle, cell, and basal space above vein 1, iron-gray, almost black; a similar streak below outer half of cell; an interrupted similar shade from cell along vein 2 to postmedial line; some light cinnamon-drab shading in cell towards end and on costa above;

an oblique black line from costa to vein 4, partly suffusing with black discocellular; some black scaling along inner margin from before middle to postmedial, the latter very fine and indistinct, black, dentate, outcurved to vein 2; faint dark streaks on interspaces of terminal space, the veins somewhat tawny; small terminal black spots; cilia cinnamon-drab with small smoky spots. Hind wing somewhat hyaline hair-brown, darker on termen. Fore wing below russet, the cell black, the inner margin grayish. Hind wing below buff-white, the costa and termen suffused with russet; a dark point at upper angle of cell; a faint hair-brown postmedial line. Expanse: 24 mm.

Habitat: Hyutanahan, Rio Purús, Brazil.

Type: female, Carnegie Museum, Acc. No. 6,963, December, 1921 (S. M. Klages, *coll.*).

A distinct species, recognizable by its iron-gray cell.

18. *Jocara sisinnia*, sp. nov. Pl. II, fig. 20, ♂, *type*.

Male: Palpi light ochraceous buff. Process light cinnamon-drab, laterally streaked with pale olive-gray. Collar and thorax mottled light drab and yellowish glaucous, the patagia tipped with cinnamon-drab. Abdomen cream-color, the segments dorsally irrorated anteriorly with sayal-brown. Legs light buff partly irrorated with orange-cinnamon, the tarsi outwardly verona-brown with pale rings. Fore wing russet vinaceous, somewhat paler on basal third; costal margin from base to beyond middle with a yellowish glaucous streak, crossed by a medial russet vinaceous line; a velvety black point in cell close to discocellular; below outer half of cell a thick velvety black streak edged with tawny scales, preceded by a white point, distally edged by a white line reaching vein 1, this white line being followed by a yellowish glaucous shade, extending to inner margin and obliquely upbent towards vein 5; postmedial line remote, inbent on costa, yellowish glaucous, then outcurved, lunular dentate, very fine, black, with some whitish scales distally; terminal linear black spots; cilia mottled yellowish glaucous and russet vinaceous. Hind wing somewhat hyaline cream-color; a fine subterminal and broader terminal hair-brown line, both irrorated with black. Fore wing below tawny; inner margin to cell and vein 2 yellowish white, the costa yellowish white, irrorated with tawny; a yellow-white spot on costa subterminally. Hind wing below cream-color, the costa, apex, and termen narrowly tawny. Expanse: 24 mm.

Habitat: Hyutanahan, Rio Purús, Brazil.

Type: male, Carnegie Museum, Acc. No. 6,963, January, 1922 (S. M. Klages, *coll.*).

A very distinct species, with its thick streak below cell.

19. *Jocara cantianilla*, sp. nov. Pl. II, fig. 21, ♂, *type*.

Male: Palpi dark olive-buff. Head, process, collar, and thorax vinaceous buff, probably light green when fresh, process with black scales above. Abdomen whitish with light buff segmental lines and some tawny irrorations dorsally. Legs vinaceous buff with fuscous irrorations, the tarsi fuscous with warm buff rings. Fore wing olive-ocher, no doubt brighter green when fresh; an antemedial tuft of raised scales mixed with black and tawny below cell, and a tawny streak with some black scales on inner margin; a snuff-brown and black line slightly oblique from costa, somewhat lunular from vein 2 to inner margin, a short similar streak below cell preceding and suffusing with it, followed closely by a fine black line vertical from costa; a short black streak on discocellular; a few black scales, forming a very indistinct postmedial shade, from vein 7, inset above vein 5, incurved below vein 3, followed by a very distinct fine black dentate line, vertical on costa, somewhat outcurved to vein 3, then incurved; terminal black spots on interspaces; cilia like wing with smoky spots at veins. Hind wing semihyaline whitish, the termen suffused with hair-brown; cilia white, mottled with hair-brown towards apex. Fore wing below suffused with etruscan red, a line on discocellular, an outcurved postmedial line, marginal streaks on interspaces and termen narrowly black. Hind wings below with a dark point at upper angle of cell and a fine postmedial line; apex and termen suffused with etruscan red. Expanse: 25 mm.

Habitat: Hyutanahan, Rio Purús, Brazil.

Type: male, Carnegie Museum, Acc. No. 6,963, April, 1922 (S. M. Klages, *coll.*).

Near *Jocara translinea* Schaus, differing chiefly in the basal coloring.

20. *Jocara hospitia*, sp. nov. Pl. II, fig. 28, ♂, *type*.

Male: Palpi, head, collar, and thorax pale ochraceous-buff, the collar and patagia with a few pale cinnamon-pink scales. Abdomen dorsally suffused with pale sulphine-yellow and irrorated with hair-brown, except on two basal segments. Legs light buff, the tarsi dark, with pale rings. Fore wing: costal margin to postmedial line pale ochraceous buff; a similar streak below cell from base to middle of cell, irrorated with some tawny scales; base of cell dull grayish, followed by a broad hair-brown shade; a white patch at end and just beyond cell, with a small black point on discocellular; inner margin narrowly drab at base expanding medially and irrorated with chætura-drab; a wavy drab antemedial line, lunular below cell, preceded above and below vein 1 by whitish yellow spots; medial space below cell hair-brown, with an oblique black streak below cell; some tawny irrorations above vein 1, and white irrorations on inner margin,

outwardly limited by a curved white line and a very faint lunular black line; postmedial space hair-brown obliquely narrowing to costa, with some tawny scaling below veins 2 and 3, the whole space limited by a subterminal darker line, outcurved and dentate, distally edged with whitish buff; the veins terminally russet with dark streaks above and below; small black terminal spots. Hind wing semihyaline, suffused with light drab, the termen darker; veins terminally dull russet; a subterminal white line proximally edged with hair-brown. Wings below with postmedial line hair-brown, well defined. Expanse: 20 mm.

Habitat: Arima, Rio Purús, Brazil.

Type: male, Carnegie Museum, Acc. No. 7,088, November, 1922 (S. M. Klages, *coll.*).

21. *Jocara prudentia*, sp. nov. Pl. II, fig. 13, ♂, *type*.

Male: Palpi, head, and collar whitish buff, the collar with some hair-brown scales behind. Process in front whitish buff, irrorated with black, the fringe behind hair-brown. Thorax hair-brown, some white scaling on patagia. Abdomen dorsally with alternate tawny olive and hair-brown bands. Legs light buff, the tarsi dark with pale rings. Fore wing light buff, the outer half suffused with light pinkish cinnamon; some black irrorations and markings; traces of a subbasal line; a streak in cell and a rather large round spot over discocellular; a double line from near end of cell to inner margin, vertical, the proximal line very fine; a diffused spot on vein 3 beyond cell; the outer line remote, inbent on costa, expanding on vein 7, outcurved and parallel with termen, slightly incurved and narrower between veins 2 and 1; termen blackish with a few white scales, the veins light pinkish cinnamon; cilia mostly white. Hind wing semihyaline, suffused with drab, more thickly on costa and termen. Fore wing below hair-brown, the costa cream-buff, the inner margin white; postmedial line fainter. Hind wing below whitish; basal half of costa cartridge-buff; a dark point at upper angle of cell; termen narrowly hair-brown. Expanse: 22 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,173, February, 1918 (S. M. Klages, *coll.*).

22. *Jocara sara*, sp. nov. Pl. II, fig. 33, ♂, *type*.

Male: Palpi, head, and process pale pinkish buff, the palpi slightly irrorated with flesh-ocher; collar and thorax light cinnamon-drab. Abdomen with basal segment white, the second yellowish white with hair-brown irrorations, the other segments brownish olive with white segmental lines. Legs pinkish buff, the tarsi outwardly fuscous with

pale rings. Fore wing honey-yellow, certainly greener when fresh; base of wing light cinnamon-drab limited by a curved hair-brown antemedial line expanding on costa and inner margin; a few reddish scales on line below cell, and some raised white scales before it below cell; a minute dark point in end of cell. Costa medially and to apex narrowly iron-gray; postmedial line fine, white, partly obsolescent towards costa, deeply dentate with long drab streaks proximally on veins 5-2 and submedian fold; the inner margin between the lines hair-brown; a fine dark terminal line; cilia white crossed by a deep mouse-gray line. Hind wing white; a fine dark terminal line and similar narrow shade at apex; cilia white. Fore wing below vinaceous-tawny, the cell and beyond suffused with hair-brown; postmedial line and inner margin white. Hind wing below white, the costal margin vinaceous-tawny crossed by a postmedial white line; a fine dark line at upper angle of cell; an interrupted dark terminal line. Expanse: 17 mm.

Habitat: Prov. del Sara, Bolivia.

Type: male, Carnegie Museum, Acc. No. 4,543, April, 1910 (J. Steinbach, *coll.*).

23. *Jocara yva*, sp. nov. Pl. II, fig. 32, ♀, *type*.

Female: Palpi hazel, streaked in front with pale ochraceous-buff. Head, collar, and thorax vinaceous-buff, a hazel spot on vertex. Abdomen above benzo-brown with fine white segmental lines. Legs light buff irrorated with light cinnamon, also similar shading on tarsi. Fore wing: base from costa to vein 1 light cinnamon-drab shading outwardly to fuscous, the base of inner margin light drab, limited by a slightly outbent curved black line, distally edged with white; medial space whitish, suffused with light cinnamon-drab, with a few darker irrorations, except on a whiter costal space before postmedial; two minute black points on discocellular; postmedial line black, faintly incurved from costa to vein 4 and again to inner margin, outwardly edged with apricot-buff, and followed by a broader bister shade; some whitish scales near termen and an interrupted terminal fuscous line; cilia smoky black tipped with white and with a fine light buff line at base. Hind wing aëneous cinnamon-drab, the terminal line and cilia as on fore wing. Wings below cinnamon-drab, the fore wing with the costa prussian red, and a white streak before apex; hind wing suffused with whitish, defining a postmedial line, and the darker termen. Expanse: 18 mm.

Habitat: Puerto Suarez, Bolivia; elevation 150 m.

Type: female, Carnegie Museum, Acc. No. 3,758, December, 1908 (J. Steinbach, *coll.*).

Closely allied to *J. medialis* Hampson, which has the darker basal space broader and limited by an erect line.

24. *Jocara gillalis*, sp. nov. Pl. II, fig. 38, ♂, *type*.

Male: Palpi hair-brown, irrorated with white. Head and collar light drab mottled with white; the process short. Thorax mottled hair-brown, mouse-gray, and white. Abdomen white, irrorated with black, the second segment mikado-brown, the terminal segments with black bands. Legs white, irrorated with black, the fore femora with a black patch; tarsi with fuscous spots outwardly. Fore wing white, irrorated with deep neutral gray, the inner margin partly suffused with hair-brown; an antemedial small natal-brown spot below cell followed by a slightly outcurved brownish medial line from median vein to inner margin with some raised natal-brown and black scales on it below cell; a small brown medial spot on costa; a brownish and white line on discocellular; postmedial line fuscous black, slightly outbent from costa to vein 4, then rather deeply incurved, preceded by dark streaks on veins 3 and 2, followed by white on inner margin; a hair-brown subterminal line parallel with postmedial; small terminal fuscous black spots; cilia pale olive-buff with blackish spots. Hind wing semihyaline whitish, the veins, costal and inner margins and termen narrowly drab. Fore wing below suffused with hair-brown; a subterminal pale curved shade. Hind wing below as above. Expanse: 22 mm.

Habitat: Prov. del Sara, Bolivia; elevation 450 m.

Type: male, Carnegie Museum, Acc. No. 4,543, November, 1909 (J. Steinbach, *coll.*).

Named in honor of Miss Elizabeth D. Gill, the Secretary of the Director Emeritus of the Carnegie Museum.

25. *Jocara maurontia*, sp. nov. Pl. II, fig. 42, ♂, *type*.

Male: Palpi, head, process, collar, thorax, and legs buffy yellow, undoubtedly dull green-yellow, when fresh; tarsi fuscous with pale rings. Abdomen light drab with some dark irrorations and diffuse hair-brown bands. Fore wing dark olive-gray, the base, inner margin to cell and near termen suffused with olive-yellow, no doubt brighter green when fresh; a subbasal black point in cell; a small black ante-medial spot below cell, and a minute black point postmedially on vein 6; a faint pale annulus in cell medially and small raised scales on discocellular; faint postmedial and subterminal olive-yellow shading; faint terminal spots; cilia gray shaded with olive-yellow. Hind wing whitish, the veins and outer half suffused with aëneous hair-brown. Hind wing below with the dark suffusions terminal. Expanse: 20 mm.

Habitat: Prov. del Sara, Bolivia.

Type: male, Carnegie Museum, Acc. No. 5,058 (J. Steinbach, *coll.*).

26. *Jocara athanasia*, sp. nov. Pl. II, fig. 8, ♀, *type*.

Female: Palpi, head, collar, and thorax light buff, faintly tinged with pale green. Abdomen light buff with hair-brown dorsal bands. Legs pale pinkish buff, irrorated with vinaceous, the tarsi outwardly with darker irrorations and pale rings. Fore wing: a little more than basal half whitish, the costal margin, cell and base below cell suffused with dull green-yellow; a small antemedial black spot below cell; a faint curved medial line, defined by a few black scales on costa and in cell, otherwise yellow-green on whitish medial space; some black scales on discocellular and costa above it; postmedial space brownish drab, irrorated with black from vein 8 to inner margin, its proximal edge almost vertical, distally edged by a fine dentate black line, out-curved below vein 7, double, filled in with light green; outer margin dull yellow-green with black terminal spots; cilia vinaceous-gray crossed by a dark line close to base. Hind wing suffused with silky-drab somewhat darker on termen. Fore wing below hair-brown, the costa tinged with russet, the inner margin narrowly white. Hind wing below whitish; a broad postmedial line and termen, hair-brown; an interrupted chætura-drab line on both wings. Expanse: 18 mm.

Habitat: Prov. del Sara, Bolivia; elevation 450 m.

Type: female, Carnegie Museum, Acc. No. 5,571, July, 1914 (J. Steinbach, *coll.*).

27. *Jocara acheola*, sp. nov. Pl. II, fig. 34, ♀, *type*.

Female: Palpi dark olive-buff, the third joint natal-brown. Head, collar, and patagia dark olive-buff, mottled with vinaceous-buff, the thorax whitish. Abdomen above: basal segment light buff, otherwise whitish thickly irrorated and suffused with hair-brown; dark olive-buff bands posteriorly on second and third segments. Legs light buff irrorated with russet. Fore wing: base and costal margin to post-medial light yellowish olive with commencement of lines darker; basal third otherwise whitish irrorated with yellowish olive in cell and a few black and vinaceous-fawn irrorations; an antemedial black point below cell; medial line double, faintly sinuous, yellowish olive, the outer part with some black scales towards inner margin; a black point at end of cell; space beyond medial line whitish, then fawn-color limited by the postmedial dentate black line, which is distally edged with some white scales; termen yellowish olive partly suffused with fawn-color and with dark olive streaks on veins; terminal black spots; cilia smoke-gray, crossed by two blackish lines. Hind wing semihyaline buff-white, the termen broadly suffused with glossy hair-brown; cilia white, with a single dark line at base and similar spots towards apex. Fore wing below chætura-drab; inner margin

white to subterminal; costa mottled with olive; postmedial and subterminal lines blackish. Hind wing below as above, but with a fine postmedial line. Expanse: 31 mm.

Habitat: Rio Japacani, Bolivia.

Type: female, Carnegie Museum, Acc. No. 5,040, August, 1913 (J. Steinbach, *coll.*).

28. **Jocara anacita**, sp. nov. Pl. II, fig. 36, ♂, *type*.

Male: Palpi, head, collar, and patagia drab, the palpi streaked with hair-brown behind; process mostly dark grayish olive; thorax whitish. Abdomen with deep grayish olive bands. Fore wing grayish olive; submedian space mostly silvery white; basal, antemedial, and medial dark scaling on inner margin; a small antemedial blackish spot below cell, and a larger spot on discocellular; postmedial line remote, blackish, macular, from below costa, outcurved to vein 2, then vertical, distally pale-edged; a faint darker subterminal macular line; terminal black spots larger towards apex. Hind wing yellowish white, semihyaline, the termen and apex narrowly darker. Expanse: 22 mm.

Habitat: Mana River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,008, May, 1917 (S. M. Klages, *coll.*).

29. **Jocara andeola**, sp. nov. Pl. II, fig. 1, ♀, *type*.

Female: Palpi, head, and body olive-ocher, probably greener, when fresh; abdomen above with darker shadings according to light, almost changing to tawny, especially below. Legs shaded with olive-ocher, the tarsi black on three terminal joints with pale rings, the base of tarsi rufous. Fore wing ecru-olive, the lines colonial-buff; inner margin colonial-buff to postmedial, the double macular medial line crossing it ecru-olive; a short line of olive-black-tipped, raised scales on subcostal antemedially; a deep greenish olive antemedial spot below cell, preceded by a few white scales; a similar small spot at end of cell; postmedial line remote, dentate, outcurved from below costa; inangled at submedian fold and then irrorated with some black scales; part of the dentate line beyond cell tipped with black proximally; terminal black spots; cilia mottled at base with vinaceous. Hind wing glossy hair-brown; traces of a postmedial dentate black line, defined on veins 2-4 by colonial-buff; cilia tipped with white. Fore wing below ocher-red; costa colonial-buff to just beyond the black postmedial line; inner margin whitish; terminal line black; cilia buffish with black streaks at veins. Hind wing below yellowish; a

point at upper angle of cell, a dentate postmedial line and the termen narrowly, though more widely at apex, ocher-red. Expanse: 29 mm.

Habitat: Hyutanahan, Rio Purús, Brazil.

Type: female, Carnegie Museum, Acc. No. 7,088, February, 1922 (S. M. Klages, *coll.*).

30. **Jocara amazonalis**, sp. nov. Pl. II, fig. 46, ♂, *paratype*.

Male: Palpi pinkish buff, the base of hairs on inner side chætura-drab. Head, collar, and thorax light buff, mottled with ecru-olive and tawny hairs. Abdomen above amber-brown with white segmental lines, underneath white with tawny irrorations. Legs mostly amber-brown, irrorated with white, the tarsi fuscous with fine white rings. Fore wing: base deep olive-buff, crossed by an oblique subbasal buffy brown line, and followed by a macular dark grayish olive antemedial fascia, which is crossed by a black streak below cell, partly overlaid with whitish scales; medial space narrow, deep olive-buff crossed by a fine line near its inner edge, its outer edge projecting at vein 4 and on inner margin; an olive-brown line on discocellular, with a black point at lower angle; space beyond deep grayish olive, limited by the outcurved, dentate, isabella-color outer line; termen suffused with grayish olive; terminal spots and cilia dark grayish olive. Hind wing cinnamon-drab, the dark postmedial line of under-side visible in transparency. Fore wing below russet, the inner margin white; a white streak on subcostal; postmedial line faint; termen with dark grayish suffusions. Hind wing below white suffused with russet more densely on termen; a russet point at upper angle of cell; a postmedial darker russet line. Expanse: 34 mm.

Habitat: São Paulo de Olivença, Amazons.

Type: male, Cat. No. 27,463, United States National Museum; *paratypes* in the Carnegie Museum, Acc. No. 6,963, January, 1922. Collected by S. M. Klages at Hyutanahan, Rio Purús, Brazil.

There are also paratypes in the collection of M. Dognin, to whom we are indebted for the type.

31. **Macalla termenipuncta**, sp. nov. Pl. III, fig. 2, ♀, *type*.

Female: Palpi, head, collar, and thorax pinkish buff, the collar and patagia tipped behind with some cinnamon and black scales, also a few scattered black scales on patagia. Abdomen above white, irrorated with light pinkish cinnamon and black, the legs similarly colored, the fore coxæ pinkish buff, the tarsi outwardly fuscous with white rings. Fore wing: basal and postmedial space white, suffused with light yellowish olive, the space before medial line buffy olive; black irrorations at origin of lines on costa; basal and subbasal black

scaling on costa and below cell, followed by a curved clearer white line; a small black streak in middle of cell and a spot below cell, both consisting of raised scales, and followed by the fine black medial line, obsolescent in cell, obliquely outcurved from median to vein 1 and again outcurved to inner margin; a line of raised black scales on discocellular; postmedial line remote, fine, black, oblique from costa, outcurved and deeply dentate from vein 5 to vein 2, incurved and outangled on vein 1; terminal space suffused with buffy olive and with cinnamon at apex and above tornus; a marginal fuscous black spot between veins 4 and 5; terminal fuscous black spots; cilia light pinkish cinnamon tipped with white and with smoky spots at base. Hind wing somewhat hyaline, suffused with æneous isabella-color, the termen dark-shaded; a fine postmedial line. Fore wing below suffused with hair-brown, the inner margin broadly white; costa yellowish white to beyond postmedial line. Hind wing below whiter than above. Expanse: 27 mm.

Habitat: Prov. del Sara, Bolivia.

Type: female, Carnegie Museum, Acc. No. 5,058, October, 1911 (J. Steinbach, *coll.*).

32. **Macalla hyutanahana**, sp. nov. Pl. III, fig. 1, ♀, *type*.

Female: Palpi fuscous, with some white scaling on inner side, and a white tip to third joint. Frons drab-gray; vertex dresden-brown. Collar mottled with fuscous, pinkish cinnamon and white. Thorax white, the patagia fuscous. Abdomen above fuscous, the basal segment with a white band, underneath light ochraceous-buff with ventral small black spots. Legs fuscous, the tarsi with white rings. Fore wing: base to medial line fuscous, outwardly crossed by a faint cinnamon-drab shade; medial line thick, black, slightly outbent; medial space white suffused on costa and from below cell with light pinkish cinnamon; a fine black lunule on discocellular; postmedial line thick black, outbent to vein 4, incurved and slightly outcurved on submedian fold; the broad terminal space silky dark vinaceous-brown; faint terminal black spots; cilia light pinkish cinnamon with large smoky black spots. Hind wing: basal half semihyaline, iridescent white, the outer half like terminal space of fore wing; cilia fuscous at base. Fore wing below fuscous black, the medial space iridescent white. Hind wing below as above, but termen fuscous black, the costa also fuscous black. Expanse: 30 mm.

Habitat: Hyutanahan, Rio Purús, Brazil.

Type: female, Carnegie Museum, Acc. No. 6,963, April, 1922 (S. M. Klages, *coll.*)

Belongs to the group of *M. euryleuca* Hampson, *M. pallidomedia* Dyar, and *M. finstanalis* Schaus.

33. **Macalla aciusa**, sp. nov. Pl. II, fig. 45, ♀, *type*.

Female: Palpi white, the second joint mottled with fuscous in front, the third joint mostly fuscous tipped with ochraceous-buff. Head, collar, and thorax mottled white, iron-gray, and light pinkish cinnamon, the collar posteriorly entirely white; white scaling on metathorax. Abdomen grayish, mottled with brown, dorsally with indistinct fuscous bands. Legs mostly light buff, partly streaked with drab, the tarsi hair-brown with white rings. Fore wing: base mottled with mouse-gray and hair-brown with a light pinkish cinnamon spot on costa and an outbent clear white subbasal line from subcostal to inner margin, followed by some white, thickly irrorated with deep mouse-gray, on it below cell a cinnamon-brown tuft of raised scales; a fuscous black medial spot in cell, from it two lunular lines to inner margin separated below cell by cinnamon-brown scaling, on inner margin by white, followed by bluish white scaling and some brown scaling between vein 2 and submedian fold; raised cinnamon-brown scaling on discocellular, with a brownish shade beyond it; postmedial line remote from a white costal spot, deeply outcurved from vein 7 to vein 3, narrow, whitish, suffused with brown, expanding on vein 3, inbent, broad, clear white; a white line from cell between veins 4 and 5, narrowing along 4 to postmedial line; fine blackish streaks on veins, on 2 from cell, on vein 3 crossing the white postmedial, on veins 5 and 6 preceding it; termen hair-brown, irrorated with bluish white at apex and above tornus; a terminal fuscous black spot at vein 5, and a terminal line above tornus; cilia partly tipped with white. Hind wing semihyaline yellowish white, the termen narrowly fuscous; cilia with a dark line at base, then tipped with white. Expanse: 21 mm.

Habitat: Arima, Rio Purús, Brazil.

Type: female, Carnegie Museum, Acc. No. 7,088, November, 1922 (S. M. Klages, *coll.*).

A variegated species, unlike any other in the genus.

34. **Macalla boliviana**, sp. nov. Pl. III, fig. 3, ♀, *type*.

Female: Palpi pale drab-gray, the third joint fuscous. Head, collar, and thorax whitish suffused with light buff, and with a few scattered dark scales, the tips of patagia clearer white. Abdomen white, the base light buff; fine black segmental lines and hair-brown irrorations, also a few light ochraceous-buff irrorations. Legs white mottled with hair-brown, the tarsi black with gray rings. Fore wing white, irrorated with light pinkish salmon; a subbasal outbent line of short black streaks; an antemedial oblique olive-brown fascia, crossed

by a black line and close to it edged by a finer medial black line, which is followed on costa by a citrine-drab spot and then by a small black spot above the black discocellular line; a pale cinnamon-buff shade beyond cell, incurved below vein 4, outbent below vein 2 and more linear; postmedial line remote, fine, black, outbent to vein 5, minutely dentate, below vein 5 more deeply dentate, incurved to vein 1; a subterminal cinnamon-buff triangular spot on costa, a small spot on vein 5, and similar shading from vein 3 to inner margin; some mouse-gray irrorations on termen, and a macular terminal dark line; cilia light pinkish cinnamon at base, crossed by a spotted smoky line, the tips grayish. Hind wing semihyaline white, the inner margin suffused with light buff; postmedial fuscous black streaks on veins 2-5, the streak on vein 2 more pronounced with a hair-brown shade below it to the dark terminal shade. Hind wing below with a dark point at upper angle of cell, the termen narrowly hair-brown, though somewhat wider at apex. Expanse: 25 mm.

Habitat: Prov. del Sara, Bolivia; elevation 450 m.

Type: female, Carnegie Museum, Acc. No. 4,543, April, 1910 (J. Steinbach, *coll.*).

35. ***Chloropaschia zenoa***, sp. nov. Pl. III, fig. 11, ♂, *type*.

Male: Antenna with paired cilia on basal third, then thickened, the terminal half simple, slender. Palpi, head, and collar avellaneous, the third joint of palpi outwardly fuscous. Thorax mottled white and avellaneous. Abdomen above army-brown, with white segmental lines, the last three segments black. Legs whitish, mottled with tawny and avellaneous. Fore wing whitish, thinly scaled, except on costal and inner margins, somewhat iridescent and suffused with vinaceous-buff, especially on termen; costa irrorated with avellaneous; a fuscous black streak on base of inner margin, followed by a similar large triangular spot, the inner margin beyond more densely scaled and whiter; postmedial line very faint, outcurved below costa to vein 3, then incurved to vein 2, the line defined by black dentate marks on veins, below vein 2 vertical, well defined by fuscous and black scales; a terminal interrupted dark line; cilia silky pale olive-buff, with some darker shading. Hind wing semihyaline buffy white; a fine terminal dark olive-buff line; cilia white, crossed by a deep olive-buff line. Fore wing below whitish, faintly suffused with light drab. Hind wing below as above. Expanse: 25 mm.

Habitat: Mana River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,008, May, 1917 (S. M. Klages, *coll.*).

36. *Chloropaschia venantia*, sp. nov. Pl. III, fig. 19, ♂, *type*.

Male: Antenna shortly fasciculate for two-thirds from base. Palpi light drab. Head and collar avellaneous. Thorax vinaceous-buff, the patagia mottled with avellaneous and a few black scales, also tipped with black. Abdomen pale pinkish buff, with transverse chætura-drab bands. Legs light buff, partly mottled with pinkish cinnamon, the tarsi outwardly drab with pale rings. Fore wing whitish suffused with light pinkish cinnamon; a faint hair-brown shade along median and base of vein 5; a similar streak at base of inner margin; antemedial tufts of raised fuscous scales in cell, below cell, and on inner margin; the latter followed by a small ochraceous-salmon shade; a fine black streak on discocellular and a fine lunular black line from end of cell to inner margin; some black scales beyond it on vein 1; a whitish streak on base of vein 2, ending in a small fuscous spot of raised scales; small spots beyond cell on veins 5 and 6; postmedial line remote, black, minutely dentate, oblique from costa, very faintly curved to vein 2, then slightly incurved, followed from below vein 4 by slight whitish shading on interspaces; subterminal black streaks on veins, partly reaching termen; dull tawny streaks on interspaces; a terminal black line, interrupted by white points on veins; cilia light pinkish cinnamon, with smoky-black spots. Hind wing semihyaline whitish, suffused with drab, becoming darker on termen and below vein 2; cilia partly tipped with white. Fore wing below suffused with chætura-drab, the costa pinkish cinnamon, the inner margin narrowly whitish. Hind wing below with traces of a postmedial line. Expanse: 29 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,173, February, 1918 (S. M. Klages, *coll.*).

37. *Chloropaschia epipodia*, sp. nov. Pl. III, fig. 16, ♂, *type*.

Male: Palpi white, outwardly streaked with light vinaceous-cinnamon, the third joint black in front. Head and collar light vinaceous-cinnamon. Thorax concealed by patagia, which are whitish, mottled hair-brown and pale cinnamon-pink; a black band on metathorax. Abdomen above light buff on four basal segments, the following segments russet; anal tufts light buff and hair-brown, laterally russet. Legs mostly white, the fore tibiæ streaked with brown, the tarsi with brown bands. Fore wing: base to beyond middle vinaceous-buff crossed by two medial fuscous black lines diverging from costa inversely curved to inner margin forming a large oval spot, the outer line immediately followed by another line suffusing with it at subcostal and vein 2; postmedial space and

terminal space from below vein 4 whitish with some hair-brown irrorations; outer line remote, fine, fuscous black, faintly dentate and outbent to vein 5, slightly inbent to vein 2, inbent and downcurved to inner margin; a faint subterminal line parallel with outer line, more heavily marked from below vein 2; dark shading at apex; small terminal dark spots; cilia mostly white. Hind wing semihyaline white suffused with pinkish buff, the termen only slightly darker. Fore wing below suffused with drab; lines of upper side forming a dark shade in transparency. Expanse: 26 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,176, February, 1918 (S. M. Klages, *coll.*).

Allied to *C. mennusalis* Schaus; distinguished by the lines preceding postmedial space.

38. ***Chloropaschia aniana***, sp. nov. Pl. III, fig. 14, ♂, *type*.

Male: Antenna with short cilia. Palpi and frons chætura-drab mottled with some white scales. Vertex and collar dorsally cinnamon-drab; collar otherwise chætura-drab. Patagia light violaceous fawn broadly tipped with chætura-drab. Abdomen above pale olive buff with diffuse chætura-drab bands. Legs whitish buff with lateral hair-brown bands. Fore wing: base whitish thickly irrorated with drab and hair-brown, the costa darkest; a black antemedial spot of raised scales in cell, a similar line below cell to vein 1, from vein 1 an outbent fine cinnamon-drab and black line followed by a small cinnamon-drab spot before the fuscous medial line, this latter rather broader from costa to submedian fold and slightly outcurved; a black line on discocellular closely followed by a fine black line from costa inangled at base of vein 3 and sinuous to inner margin, followed well beyond by a similar fainter parallel line starting from subcostal, the space between this line and the medial line whitish irrorated with drab; space beyond drab to the remote outer line which is fuscous black rather fine almost vertical, outwardly narrowly edged with light drab; a subterminal fuscous shade, widest at costa with short black streaks on veins; termen grayish on interspaces, the veins hair-brown; a fuscous black terminal line interrupted by veins; cilia light pinkish cinnamon with dull black spots from base to tip. Hind wing semihyaline whitish, the termen narrowly suffused with hair-brown. Expanse: 26 mm.

Habitat: Mana River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,008, May, 1917 (S. M. Klages, *coll.*).

Allied to *C. mennusalis* Schaus; distinguished by its medial line.

39. *Chloropaschia ædesia*, sp. nov. Pl. III, fig. 20, ♂, *type*.

Male: Antennæ with short cilia. Palpi chætura-drab, some tawny scaling laterally. Throat and neck below orange-cinnamon. Vertex mottled white and pinkish cinnamon. Collar sayal-brown in front and dorsally, otherwise black. Thorax black, the patagia white with some drab scales. Abdomen olive-buff with diffuse hair-brown bands. Legs pale olive-buff, mid tibiæ with dark streaks. Fore wing whitish irrorated with drab gray on basal and postmedial space, the medial space somewhat darker; antemedial raised scales below cell to vein 1, and on inner margin; a black point at middle of cell; a short black line on discocellular followed by a double hair-brown line, slightly sinuous, suffusing at submedian, then diverging and enclosing a small whitish spot on inner margin, this double line irrorated in places with tawny scales; a faint darker postmedial line from below costa with dentate marks on veins, inbent between veins 4 and 2, then outcurved, inwardly defined by whitish and followed by a very faint parallel dentate line, the space between light drab faintly suffused with light vinaceous-fawn, this last line outwardly edged with whitish, chiefly in the form of small white streaks on veins, limited by the darker subterminal line; terminal dark spots; cilia mostly white with smoky spots. Hind wing semihyaline white suffused with light vinaceous-buff, the termen slightly darker. Expanse: 26 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,173, March, 1918 (S. M. Klages, *coll.*).

Near *C. thermalis* Hampson; readily distinguished by its orange-cinnamon throat.

40. *Chloropaschia fiachnalis*. Pl. III, fig. 13, ♂, *paratype*.

Male: Palpi white minutely irrorated with fawn-color, more thickly at base, the third joint black. Head, collar, and thorax cinnamon-drab, with some whitish mottling. Abdomen above deep olive-buff, underneath white, partly mottled with fawn-color; throat fuscous black. Fore legs and tarsi streaked with black; mid legs fawn-color mottled with black; hind legs including basal joint of tarsi buffy white streaked with fawn-color. Fore wing cinnamon-drab irrorated with whitish scales; small antemedial tufts of raised scales in cell, below cell, on vein 1 and inner margin, the latter slightly outset; a fine black line on discocellular and black points above it on costa; a white line, somewhat diffused from costa beyond cell to submedian fold preceded by some irregular fuscous scaling; a subterminal white line from costa to submedian fold proximally edged with black,

more broadly so between veins 6 and 3, the black preceded by some citrine-drab scaling; below the fold the line is inset, forming a continuation of the white line beyond cell, and is edged on both sides with olive-brown; termen olive-brown with white irrorations on interspaces close to margin, and black streaks on veins adjoining the outer line; an interrupted terminal black line; cilia whitish buff with smoky spots at veins. Hind wing semihyaline white, the costa, apex broadly narrowing to vein 2, below vein 2 only a terminal line glossy hair-brown; veins 2-6 terminally hair-brown with darker postmedial streaks on veins, the streak on vein 2 expanding with a terminal white spot beyond it; cilia white crossed by a dark mouse-gray line expanding to tips towards apex. Fore wing below with the cell, veins, and outer line black, the inner margin white, the costa and apex vinaceous-brown. Hind wing below with the costa vinaceous-brown, the subterminal markings more distinct; no white spot on termen at vein 2; a black point at upper angle of cell. Expanse: 26 mm.

Habitat: Rio Maner, Amazons.

Type: male, Cat. No. 27,465, United States National Museum; *paratype* in the Carnegie Museum, Acc. No. 7,088, November, 1922 (S. M. Klages, *coll.*).

41. ***Chloropaschia hollandalis***, sp. nov. Pl. III, fig. 18, ♂, *type*.

Male: Antenna serrate and fasciculate; palpi upcurved, slender, reaching middle of frons; hind tibiæ and basal joint of tarsi with fringe of hairs on both sides. Palpi white irrorated with cinnamon. Head and process white, the latter with black irrorations. Collar and thorax light drab mottled with white and some darker scales. Abdomen above light pinkish cinnamon with white segmental lines, underneath white. Fore legs fuscous, the tarsi white with fuscous rings; mid legs white mottled with fawn and buffy brown, the tarsi white with broad fuscous rings; hind legs white with a few buffy brown irrorations. Fore wing white; basal area suffused with wood-brown becoming outwardly darker, limited by the fuscous black antemedial line which is slightly sinuous and outbent edged by a white line proximally; some white and black scales below cell before the line and a few black scales in cell; medial space whiter with a few scattered black scales chiefly on costa and some tilleul-buff, shading chiefly above and below vein 1, the space limited by an avellaneous shade irrorated with black, outbent from below costa, deeply incurved below vein 5 and downbent below submedian fold; a curved black line on discocellular; the outer line almost subterminal, fuscous black outwardly edged with white, incurved from costa to discal fold, then slightly outcurved to vein 2, almost vertical below

vein 2; outer margin avellaneous, irrorated with white; an olive-brown spot on costa before apex and similar fine streaks on veins; an interrupted terminal black line; cilia whitish buff at base followed by an interrupted smoky line and white tips. Hind wing semihyaline white; a fine terminal drab line obsolescent towards anal angle, and an interrupted darker line on cilia, better defined towards apex. Fore wing below drab; submedian space suffused with white; a small white spot in end of cell and streak beyond cell to outer line which is similar to upper side. Hind wing below as above. Expanse: 42 mm.

Habitat: Hyutanahan, Rio Purús, Brazil.

Type: male, Carnegie Museum, Acc. No. 7,088, February, 1922 (S. M. Klages, *coll.*).

Named in honor of Dr. W. J. Holland.

42. *Stericta anthimusalis*, sp. nov. Pl. IV, fig. 45, ♂, *type*.

Male: Antenna fasciculate on basal half. Palpi, collar, and thorax light ochraceous-buff, the first joint of palpi mostly white, the patagia sooty black. Abdomen above light ochraceous-buff suffused with buckthorn-brown except on two basal segments; underside whitish. Throat and base of fore femora buckthorn-brown; legs white, the tibiae with buckthorn-brown bands, the tarsi dresden-brown with black bands. Fore wing buckthorn-brown; a small black basal spot on costa; a semicircular black line from near base of median curved to vein 1 and to costa near middle, filled in with white and containing a black streak on costa basad, a shorter similar streak antemedially on median and a black point in cell, a faint black medial line inangled to it at vein 5, slightly outangled at submedian fold, then fine and darker than ground color and inangled on vein 1; post-medial line very faint, outcurved below vein 6, with fine black dentate lines on veins 5-3 and vein 1, followed by a few white scales; some white scales on terminal interspaces above vein 3, more numerous at apex; faint terminal black markings; cilia grayish olive with darker spots and white tips. Hind wing semihyaline whitish, the costa and termen broadly suffused with hair-brown, the hairs on inner margin chamois, cilia mostly hair-brown with a white line at base and white tips. Fore wing below fuscous; inner margin narrowly and base of costa white, costa otherwise ochraceous-buff. Hind wing below smoky white, the apex broadly, termen more narrowly suffused with hair-brown. Expanse: 25 mm.

Habitat: Hyutanahan, Rio Purús, Brazil.

Type: male, Carnegie Museum, Acc. No. 7,088, February, 1922 (S. M. Klages, *coll.*).

43. *Stericta bevnoa*, sp. nov. Pl. III, fig. 29, ♂, *type*.

Male: Antenna shortly ciliated on basal half. Palpi, head, and body avellaneous; a fuscous black streak from tip of second joint in front, outbent before reaching base of joint; abdomen irrorated with fuscous black, more thickly subdorsally, forming diffuse spots, especially marked on third segment. Legs mostly drab, the fore and mid tibiæ with dark irrorations, the fore femora with an oblique fuscous black line; tarsi with fuscous spots. Fore wing: a little less than basal half avellaneous on costa and in cell, below cell to close to inner margin olivaceous black, the inner margin narrowly whitish, the whole space outwardly slightly concave; outer half white, irrorated with black, the intranervular spaces from veins 1 to 6 faintly tinged with ecru-drab; a sayal-brown line on discocellular; outer line remote, fuscous, outbent from costa to vein 5, defined by black streaks on veins 5-2; a faint parallel subterminal line, fuscous, dentate on veins 5-3, the terminal interspaces from below vein 6 darker shaded; a buff line at base of cilia, which are light cinnamon-drab with smoky black patches. Hind wing white, the costa and a narrow interrupted terminal line hair-brown, also similar fine terminal streaks on veins 2-6; inner margin slightly cream-color; cilia white with dark spots towards apex. Fore wing below cell and vein 5 white; cell black; costa, apex, veins, and termen narrowly livid brown, the base of costa whitish buff. Hind wing below white, some livid brown shading on costa, vein 7 and tips of veins 6-2. Expanse: 27 mm.

Habitat: Mana River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,008, May, 1917 (S. M. Klages, *coll.*).

Vein 7 on hind wing barely fuses with vein 8.

44. *Stericta comgalla*, sp. nov. Pl. IV, fig. 33, ♂, *type*.

Male: Palpi, head, and collar vinaceous-buff, the third joint of palpi and throat testaceous. Thorax and base of abdomen tilleul-buff, the abdomen otherwise dorsally suffused with vinaceous-fawn and with some black hairs at base and tips of anal tufts. Body below white, the legs mostly white, the mid tibiæ and the tarsi with black bands; fore tibiæ streaked above with fuscous black. Fore wing mostly white with some chamois irrorations especially on inner margin and tornus, these are possibly green in fresh specimens; a small basal, and a large subbasal velvety black spot below cell, a smaller costal spot above the latter; a tuft of raised white scales covering some black scales below middle of cell; a fine black line from middle of costa to inner margin near tornus, with raised scales on discocellular, and expanding below vein 2, closely followed by a short line on costa and an oblique line from vein 3 to the outer line, these lines mottled

with buff-pink towards inner margin; outer line fine vinaceous-buff with some black scaling, dentate from veins 7-5, then lunular and outcurved; a parallel vinaceous subterminal line; terminal black spots; cilia white with smoky spots. Hind wing semihyaline white suffused with light buff, the hairs on inner margin light buff; veins towards margin and termen narrowly hair-brown; cilia white divided by a hair-brown line. Fore wing below hair-brown, costa buff, inner margin narrowly whitish; an outer light ochraceous-buff line. Hind wing below with a distinct postmedial line and small streak at upper angle of cell; termen as above. Expanse: 32 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,111, December, 1917 (S. M. Klages, *coll.*).

45. *Stericta eadberti*, sp. nov. Pl. IV, fig. 41, ♂, *type*.

Male: Palpi white; a black streak in front from end of second joint, outbent before base of joint; a wood-brown streak behind. Head, collar, and thorax white, slightly suffused with ecru-drab, the process light drab. Abdomen above vinaceous-buff, the apical half suffused with brown. Legs mostly light buff with drab and gray irrorations, the mid and fore femora wood-brown, the latter with a black spot at base; tarsi with broad wood-brown bands. Fore wing: basal half on inner margin, a little less on costa drab-gray, minutely irrorated with deep mouse-gray, a streak along subcostal, the submedian space and inner margin whitish, and a diffused blackish streak at base of inner margin, the whole limited by a very faint lunular medial line; outer space whitish with dark irrorations, the interspaces between veins 2 and 4 avellaneous; a curved black line on discocellular proximally edged by avellaneous and followed by a similar streak; veins 2-5 to outer line mottled black and white; outer line buffy brown, incurved below costa, outcurved from veins 5-2 then slightly incurved with long black streaks on veins 5-2 and an angled black line on vein 1; a subterminal buffy brown line outcurved to termen at vein 2; termen with small black spots; cilia vinaceous-buff divided by a series of small black spots, the tips grayish white. Hind wing semihyaline white, the apical portion narrowly suffused with benzo-brown, also veins 6 and 7, and terminal portion of veins 2-5. Fore wing below whitish suffused with vinaceous-fawn except on inner margin, which is broadly white; cell, discocellular, and a streak along vein 6 to postmedial, also the latter line, smoky black. Hind wing below white, the costal margin vinaceous-fawn. Expanse: 27 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,173, March, 1918 (S. M. Klages, *coll.*).

46. *Stericta hermengilda*, sp. nov. Pl. IV, fig. 42, ♂, *type*.

Male: Antenna ciliated to near tips. Palpi white, the front of second joint black from tip to a lateral black triangular spot before base. Head and collar pale pinkish buff, the latter with dorsal pinkish cinnamon mottling and a similar small tuft at base of antenna. Thorax and abdomen pale pinkish buff, the latter with dorsal hair-brown irrorations, except on basal segments; a patch of black scales on shoulders. Legs mostly light pinkish buff, the base of fore femora fuscous black; fore tarsi only with black rings. Fore wing to outer line pale pinkish black, the base to near middle slightly darker, thinly irrorated (as well as costa) with fuscous black; a fuscous streak on base of inner margin and a streak on discocellular extending on costa; outer line remote, defined proximally by a broad fuscous line, extending on inner margin to near middle, distally by the narrow whitish margin irrorated with black; an interrupted terminal fuscous black line; cilia mottled pinkish buff and drab-gray. Hind wing semihyaline buff-white; costa, termen narrowly, and subterminal streaks on veins 2-5 golden brown; cilia white crossed by a golden brown line. Fore wing above buff-white, the cell hair-brown; outer line and termen benzo-brown. Hind wing below similar to upper surface. Expanse: 21 mm.

Habitat: Nova Olinda, Rio Purús, Brazil.

Type: male, Carnegie Museum, Acc. No. 6,962, May, 1922 (S. M. Klages, *coll.*).

47. *Stericta paschasia*, sp. nov. Pl. IV, fig. 22, ♂, *type*.

Male: Antenna ciliated on basal third. Palpi pale ochraceous-buff, the concealed tufts fuscous black; a transverse hazel band near base of second joint, the first joint white. Head and collar light pinkish cinnamon. Thorax and patagia whitish, shaded with pinkish cinnamon, and with a few black irrorations, the metathorax with long lateral black tufts. Abdomen light pinkish cinnamon with segmental white lines, the terminal half with cinnamon suffusions dorsally. Legs mostly dark livid brown outwardly. Fore wing mostly white with black irrorations on veins; base snuff-brown, its outer edge evenly incurved, a similar spot on discocellular and streak above it on costa; terminal space sayal-brown, inwardly finely edged with fuscous, outbent from costa, dentate from vein 5 to 3 where it approaches termen, then irregularly inbent, enclosing a small white spot above vein 1 edged with black, a few white and black scales above vein 2, and a large white spot at apex; cilia sayal-brown with large black spots. Hind wing buff-white, the termen narrowly fuscous;

short subterminal fuscous streaks on veins 3-5; cilia sayal-brown at base with small black spots, terminally white. Fore wing below dull black in cell; disc whitish with light drab transverse striæ; costa, termen narrowly, and veins neutral red; a postmedial outcurved black line. Hind wing below white, the costa and apex narrowly neutral red; cilia white with small black spots at veins 2-6. Expanse: 27 mm.

Habitat: Hyutanahan, Rio Purús, Brazil.

Type: male, Carnegie Museum, Acc. No. 6,963, February, 1922 (S. M. Klages, *coll.*).

What I consider as the female of this species has the basal and terminal areas of fore wing broader, so the white medial space is reduced; the white spot at tornus is larger extending from vein 1 to vein 3. Hind wing with termen more broadly dark, the cilia without the small black spots. Expanse 24 mm.; April, 1922.

Comes nearest *S. glaucinalis* Hampson.

48. *Stericta petamona*, sp. nov. Pl. IV, fig. 38, ♂, *paratype*.

Male: Palpi and head mottled white and drab-gray. Collar and thorax light cinnamon-drab. Abdomen above light cinnamon-drab, with faint white segmental lines; underneath white, with some dark segmental scaling. Legs mostly mottled white and drab, the tarsi with alternate white and cinnamon-drab bands. Fore wing white, the basal half and inner margin beyond to vein 2 suffused with tawny olive; large black scales scattered over the wing chiefly on antemedial space, postmedial space and tornus, the scales antemedially below cell long and broad, obliquely downturned, below the fold, an outcurved conspicuous thick black medial line; outer line remote, fine, black, obliquely incurved from costa, outcurved beyond cell, better defined on veins; an interrupted terminal fuscous black line; cilia whitish crossed by a dark line. Hind wing semihyaline white; a terminal hair-brown line not reaching anal angle and similar postmedial and terminal streaks on veins 2-6. Fore wing below suffused with hair-brown, the veins darkest from cell to postmedial line. Hind wing below as above, but with a postmedial excurved oblique line from costa to vein 5. Expanse: 33 mm.

Habitat: Rio Tapajos, Amazons.

Type: male, Cat. No. 27,466, United States National Museum; *paratype*, Carnegie Museum, Acc. No. 6,963, April, 1922, collected by S. M. Klages at Hyutanahan, Rio Purús, Brazil.

Another paratype is in Coll. Dognin.

49. *Stericta phæbadia*, sp. nov. Pl. IV, fig. 19, ♂, *type*.

Male: Antenna ciliated on basal half. Palpi white laterally, tawny olive in front with some black scales, and a transverse black line near base of second joint. Head and body vinaceous-buff, some black scales on abdomen dorsally, especially towards end. Legs mostly tilleul-buff, the tarsi with black bands. Fore wing: basal half avellaneous, suffused with vinaceous-fawn, limited by the black medial line, which is incurved from subcostal to vein 1, then out-curved; a black subbasal streak on inner margin; space beyond to outer line and apical space white, irrorated with black; a line of raised fuscous scales on discocellular; outer line remote, black, out-bent from costa to near termen, curved and inbent at vein 4, consisting of streaks on veins 3 and 2; a small fuscous spot on costa before apex; terminal space from below vein 4 fuscous, with some white irrorations, mostly on veins; cilia vinaceous-cinnamon with smoky black spots. Hind wing buff-white; a terminal chætura-drab line and similar postmedial streaks on veins 2-6. Fore wing below with cell black, the disc whitish crossed by dark veins; the outer line as above, followed on costa by a small whitish spot; costa whitish at base, livid brown medially, vinaceous-brown at apex. Hind wing below as above. Expanse: 24 mm.

Habitat: Nova Olinda, Rio Purús, Brazil.

Type: male, Carnegie Museum, Acc. No. 7,088, June, 1922 (S. M. Klages, *coll.*).

50. *Stericta pontealis*, sp. nov. Pl. IV, fig. 37, ♂, *type*.

Male: Palpi, head, collar, and thorax tilleul-buff. Abdomen above white, thickly irrorated with hair-brown, and having similar segmental lines; legs mostly white, irrorated with hair-brown. Fore wing white; base, inner margin, an outbent medial band suffusing below vein 2 with a band from apex to inner margin, an outer remote line on costa and from vein 2 to inner margin with points on veins 2-5 also subterminal suffusions, especially at tornus, honey-yellow, no doubt bright green in fresh specimens; an antemedial black spot in cell; a medial outangled black line below cell, preceded by a cluster of large white scales; an interrupted curved black line on discocellular. Hind wing semihyaline white, the veins drab, the margins broadly suffused with drab, more opaque on termen; cilia white, crossed by a fine drab line. Fore wing below suffused with drab, the inner margin whitish, the costa at apex warm buff. Expanse: 21 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,173, March, 1918 (S. M. Klages, *coll.*).

51. *Stericta possidia*, sp. nov. Pl. IV, fig. 34, ♂, *type*.

Male: Palpi white, broadly streaked in front with black, except at base and tips. Head and neck behind cinnamon-buff, the process mottled light grayish vinaceous and dark quaker-drab. Collar and thorax dark quaker-drab, the former narrowly light buff in front and at sides. Abdomen fuscous black, with fine whitish segmental lines, underneath white mottled with light russet-vinaceous. Fore and mid tibiæ mottled white and brownish drab, the latter with rather long hairs on outer side. Hind legs white, with two black spots on inner side of tibiæ; hind tarsi white, with vinaceous-drab bands; the fore and mid tarsi dusky brown with buff rings. Fore wing: base to near middle on costa and a little beyond middle on inner margin dark quaker-drab, limited by a fuscous line; an antemedial fuscous streak of raised scales below cell; the base of costa narrowly mottled with drab; a small dark spot on costa above discocellular and a sayal-brown line on it; end of cell, a small spot beyond it, and interspaces to postmedial light drab, the veins white irrorated with black; costa to apex and inner margin before tornus white with black irrorations; postmedial line fine, hair-brown, outcurved beyond cell with black streaks on veins 2-5; outer margin drab on interspaces; subterminal line drab with small black spots on veins 2-5; a terminal black line preceded by some white irrorations; cilia drab mottled with fuscous and with an interrupted fuscous line. Hind wing semi-hyaline white; inner margin and veins light buff; veins 2-5 terminally and a terminal line cinnamon-drab, veins 6 and 7 fuscous. Fore wing below whitish, the cell, veins to postmedial, also this line black; costa, apex, and termen to vein 4 vinaceous-brown. Hind wing below white, the costa corinthian-red. Expanse: 29 mm.

Habitat: Pied Saut, Oyapok River, French Guiana.

Type: male, Carnegie Museum, Acc. No. 6,173, February, 1918 (S. M. Klages, *coll.*).

52. *Stericta cecidiptoides*, sp. nov. Pl. III, fig. 6, ♀, *type*.

Female: Head, collar, and thorax light drab; abdomen vinaceous-buff; legs whitish, mottled with fuscous, tarsi black with gray rings. Fore wing avellaneous, suffused with whitish gray on apical area; an antemedial point of raised scales below cell, and a similar point in cell more outset; a very faint pale medial line, wavy and outcurved to below median, inbent to vein 1 and slightly outcurved below it; a fine black line of raised scales on discocellular, and similar small tufts below vein 2 and above vein 1; a faint darker wavy line beyond cell; postmedial line fine, darker, outbent from costa, curved between veins 5 and 4, inbent to above vein 1, then outbent and down-angled,

followed by fine fuscous streaks, or points, on veins, pale-edged outwardly; a faint macular subterminal line and terminal black points. Hind wing semihyaline white, the costa and apex slightly suffused with hair-brown. Fore wing below, also costa and apex of hind wing suffused with hair-brown. Expanse: 45 mm.

Habitat: Puerto Suarez, Bolivia.

Type: female, Carnegie Museum, Acc. No. 3,758, December, 1908 (J. Steinbach, *coll.*).

Vein 10 rises from cell and is free.

53. *Stericta olivenca*, sp. nov. Pl. III, fig. 7, ♀, *allotype*.

Male: Palpi light buff with a fine fuscous line in front; tegulæ light buff, with lateral black irrorations; thorax avellaneous, with some darker scales; abdomen light ochraceous buff; legs grayish buff, the fore and mid tibiæ with dark irrorations, the tarsi almost white, with black rings. Fore wing mostly tilleul-buff irrorated with avellaneous, the latter color predominating on the postmedial area; an antemedial black point in cell and a fine short streak below cell; a medial double dark line, slightly outcurved from costa to median and again below median to fold, then incurved to inner margin; a fine black line on discocellular; postmedial line remote, fine, oblique from costa, outcurved, lunular dentate, with black points on veins 5-2; subterminal line outbent on costa, parallel with termen below vein 6; terminal black points. Hind wing semihyaline white, the costa towards apex, the apex, and termen in part, narrowly suffused with hair-brown. Fore wing below chætura-drab, the inner margin broadly white, the costa partly white.

A female in the Carnegie Museum is larger and somewhat paler; in both sexes the double medial line is a distinct character. Vein 10 is from the cell and apparently anastomoses with 8. Expanse: male, 32 mm.; female, 43 mm.

Habitat: Male, São Paulo de Olivença, Amazons; female, Hyutanahan.

Type: male, U. S. National Museum; *allotype*, female, in Carnegie Museum.

EXPLANATION OF PLATE I.

- FIG. 1. *Tioga beroella* (Schaus), ♂, Juan Vinas, Costa Rica (C. M.)
- FIG. 2. *Tetralopha notabilis* (Schaus), ♀, Cayuga, Guatemala (C. M.)
- FIG. 3. *Auradisa adolescens* (Dyar), ♂, Pied Saut, Oyapok River, French Guiana (C. M.)
- FIG. 4. *Pococera nepomuca* Schaus, ♂, *type*, Santa Cruz de la Sierra, Bolivia (C. M.)
- FIG. 5. *Auradisa nigrolunalis* (Dognin), ♂, Pied Saut, Oyapok River (C. M.)
- FIG. 6. *Pococera atramentalis* Zeller, ♂, Juan Vinas, Costa Rica (C. M.)
- FIG. 7. *Pococera lamonti* Schaus, ♂, Mana River, French Guiana (C. M.)
- FIG. 8. *Pococera strigidiscalis* Hampson, ♂, Hyutanahan, Brazil (C. M.)
- FIG. 9. *Tancoa crinita* (Schaus), ♂, Quibdo, Guatemala (C. M.)
- FIG. 10. *Tancoa nigriplaga* Dognin, ♂, Mana River, French Guiana (C. M.)
- FIG. 11. *Tancoa ubalda* Schaus, ♀, *type*, Province del Sara, Bolivia (C. M.)
- FIG. 12. *Tancoa erlupha* Schaus, ♀, Bartica, British Guiana (C. M.)
- FIG. 13. *Tancoa silavia* Schaus, ♂, *type*, Province del Sara, Bolivia (C. M.)
- FIG. 14. *Tancoa attenualis* Hampson, ♂, Warnes, Eastern Bolivia (C. M.)
- FIG. 15. *Tancoa metaxanthalis* Hampson, ♂, Hyutanahan, Brazil (C. M.)
- FIG. 16. *Pococera fabianalis* Schaus, ♀, Mana River, French Guiana (C. M.)
- FIG. 17. *Milgithea melanoleuca* (Hampson), ♂, Quirigua, Guatemala (C. M.)
- FIG. 18. *Tetralopha hermasalis* Schaus, ♂, *type*, Province del Sara, Bolivia (C. M.)
- FIG. 19. *Tetralopha hermasalis* Schaus, ♀, *allotype*, Prov. del Sara, Bolivia (C. M.)
- FIG. 20. *Milgithea circumlucens* (Dyar), ♀, Pied Saut, Oyapok River (C. M.)
- FIG. 21. *Paranatula zographica* Dyar, ♂, Rio Japacani, Bolivia (C. M.)
- FIG. 22. *Tioga melazonalis* Hampson, ♀, Province del Sara, Bolivia (C. M.)
- FIG. 23. *Tioga juanalis* Schaus, ♂, *paratype*, Mana River, French Guiana (C. M.)
- FIG. 24. *Pocopaschia accelerans* (Dyar), ♂, Pied Saut, Oyapok River (C. M.)
- FIG. 25. *Auradisa olivescens* Schaus, ♂, Mana River, French Guiana (C. M.)
- FIG. 26. *Tetralopha gybriana* Schaus, ♀, *type*, Province del Sara, Bolivia (C. M.)
- FIG. 27. *Tetralopha vanenga* Schaus, ♂, Province del Sara, Bolivia (C. M.)
- FIG. 28. *Tetralopha cataldusa* Schaus, ♂, *type*, Province del Sara, Bolivia (C. M.)
- FIG. 29. *Auradisa corumba* Schaus, ♂, Puerto Suarez, Bolivia (C. M.)
- FIG. 30. *Calybitia picata* Schaus, ♂, *paratype*, Cayuga, Guatemala (C. M.)
- FIG. 31. *Auradisa soteris* Schaus, ♂, Hyutanahan, Brazil (C. M.)
- FIG. 32. *Auradisa corumbina* Schaus, ♀, *type*, Puerto Suarez, Bolivia (C. M.)
- FIG. 33. *Auradisa stenipteralis* Hampson, ♂, Pied Saut, Oyapok River (C. M.)
- FIG. 34. *Auradisa guianica* Schaus, ♀, *type*, Pied Saut, Oyapok River (C. M.)
- FIG. 35. *Auradisa tresaina* Schaus, ♂, Pied Saut, Oyapok River, French Guiana (C. M.)
- FIG. 36. *Auradisa brendana* Schaus, ♀, *type*, Pied Saut, Oyapok River (C. M.)



Epipaschiinae.

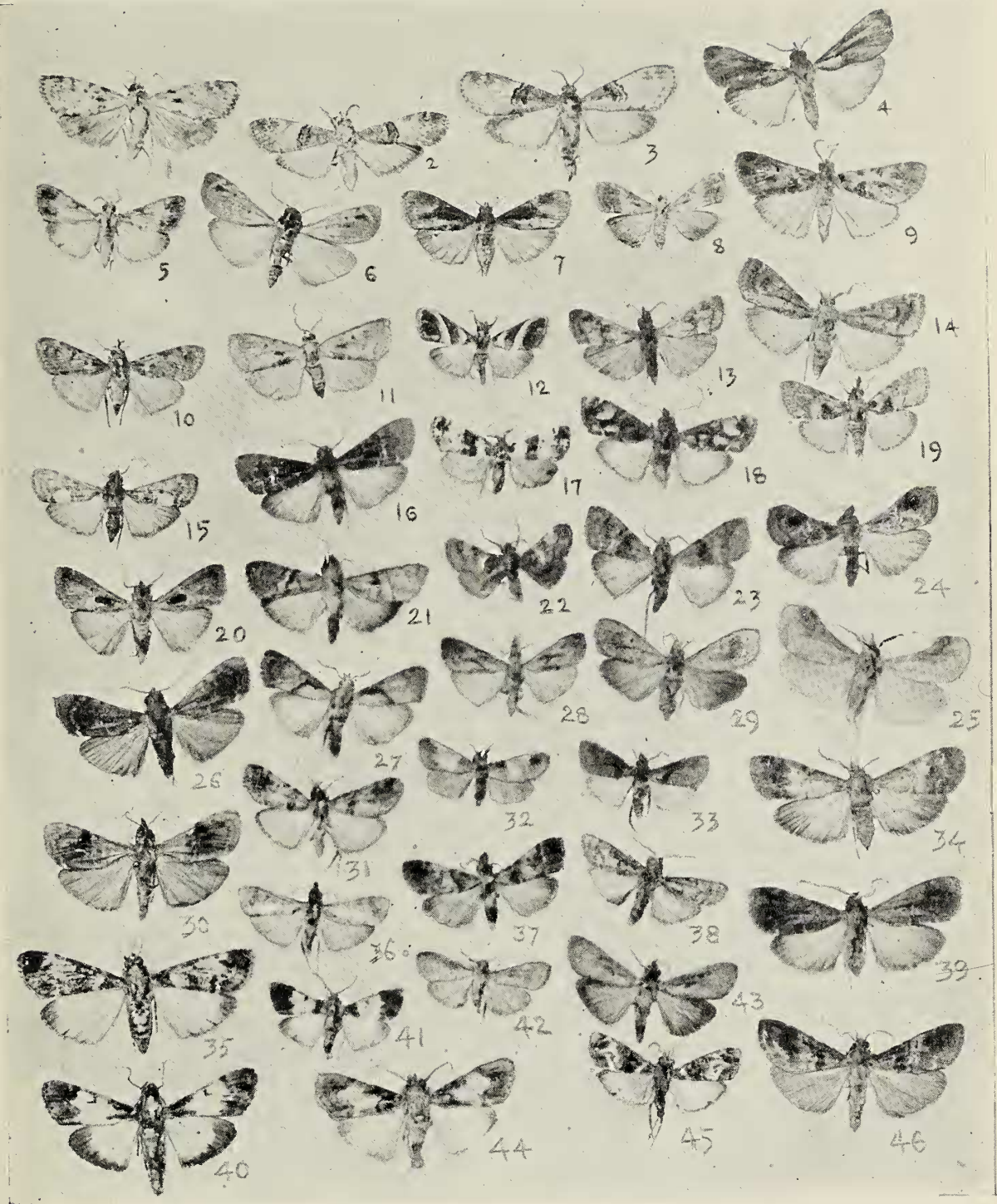
(All figures approximately natural size.)

EXPLANATION OF PLATE II.

- FIG. 1. *Jocara andeola* Schaus, ♀, *type*, Hyutanahan, Brazil (C. M.)
 FIG. 2. *Aræopaschia goanta* Schaus, ♂, Prov. del Sara, Bolivia (C. M.)
 FIG. 3. *Aræopaschia goanta* Schaus, ♀, Prov. del Sara, Bolivia (C. M.)
 FIG. 4. *Jocara tenebrosa* Schaus, ♂, Hyutanahan, Brazil (C. M.)
 FIG. 5. *Macalla niveorufa* Hampson, ♂, Nova Olinda, Rio Purús, Brazil (C. M.)
 FIG. 6. *Jocara nigripuncta* Schaus, ♂, Hyutanahan, Brazil (C. M.)
 FIG. 7. *Jocara theodota* Schaus, ♀, *type*, Hyutanahan, Brazil (C. M.)
 FIG. 8. *Jocara athanasia* Schaus, ♀, *type*, Prov. del Sara, Bolivia (C. M.)
 FIG. 9. *Jocara chlorisalis* Schaus, ♂, Juan Vinas, Costa Rica (C. M.)
 FIG. 10. *Jocara martinia* Schaus, ♂, Mana River, French Guiana (C. M.)
 FIG. 11. *Jocara claridalis* (Möeschler), ♀, Cayuga, Guatemala (C. M.)
 FIG. 12. *Jocara argentilinea* (Druce), ♂, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 13. *Jocara prudentia* Schaus, ♂, *type*, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 14. *Jocara ferrifusalis* Hampson, ♀, Prov. del Sara, Bolivia (C. M.)
 FIG. 15. *Jocara albiferalis* Hampson, ♂, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 16. *Jocara desideria* Schaus, ♂, *type*, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 17. *Jocara pictalis* Hampson, ♂, Prov. del Sara, Bolivia (C. M.)
 FIG. 18. *Jocara discalis* Hampson, ♂, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 19. *Jocara claudalis* (Möeschler), ♂, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 20. *Jocara sisinnia* Schaus, ♂, *type*, Hyutanahan, Brazil (C. M.)
 FIG. 21. *Jocara cantianilla* Schaus, ♂, *type*, Hyutanahan, Brazil (C. M.)
 FIG. 22. *Ajacania steinbachalis* Schaus, ♂, *type*, Rio Japacani, Bolivia (C. M.)
 FIG. 23. *Jocara translinea* Schaus, ♂, Rio Japacani, Bolivia (C. M.)
 FIG. 24. *Ajocara phileasalis* Schaus, ♂, *type*, Hyutanahan, Brazil (C. M.)
 FIG. 25. *Ajocara amazona* Schaus, ♂, *type*, Hyutanahan, Brazil (C. M.)
 FIG. 26. *Jocara oduvalda* Schaus, ♂, *type*, Pied Saut, Oyapok River, French Guiana (C. M.)

EXPLANATION OF PLATE II—*Continued.*

- FIG. 27. *Jocara elegans* (Schaus), ♀, Arima, Rio Purús, Brazil (C. M.)
FIG. 28. *Jocara hospitia* Schaus, ♂, *type*, Arima, Rio Purús, Brazil (C. M.)
FIG. 29. *Jocara mava* Schaus, ♀, *type*, Rio Japacani, Bolivia (C. M.)
FIG. 30. *Jocara agathoa* Schaus, ♂, Pied Saut, Oyapok R., Fr. Guiana (C. M.)
FIG. 31. *Jocara extensa* Walker, ♂, Prov. del Sara, Bolivia (C. M.)
FIG. 32. *Jocara yva* Schaus, ♀, *type*, Puerto Suarez, Bolivia (C. M.)
FIG. 33. *Jocara sara* Schaus, ♂, *type*, Prov. del Sara, Bolivia (C. M.)
FIG. 34. *Jocara acheola* Schaus, ♀, *type*, Rio Japacani, Bolivia (C. M.)
FIG. 35. *Macalla thyrsisalis* Walker, ♀, Tuis, Costa Rica (C. M.)
FIG. 36. *Jocara anacita* Schaus, ♂, *type*, Mana River, French Guiana (C. M.)
FIG. 37. *Jocara subcurvalis* Schaus, ♂, Quirigua, Guatemala (C. M.)
FIG. 38. *Jocara gillalis* Schaus, ♂, *type*, Prov. del Sara, Bolivia (C. M.)
FIG. 39. *Jocara marchiana* Schaus, ♀, Prov. del Sara, Bolivia (C. M.)
FIG. 40. *Macalla euryleuca* Hampson, ♂, Mana River, French Guiana (C. M.)
FIG. 41. *Macalla mesoleucalis* Hampson, ♂, Pied Saut, Oyapok River, French Guiana (C. M.)
FIG. 42. *Jocara maurontia* Schaus, ♂, *type*, Prov. del Sara, Bolivia (C. M.)
FIG. 43. *Jocara cononalis* Schaus, ♂, Rio Japacani, Bolivia (C. M.)
FIG. 44. *Macalla pallidomedia* Dyar, ♀, Hyutanahan, Brazil (C. M.)
FIG. 45. *Macalla aciusa* Schaus, ♀, *type*, Arima, Rio Purús, Brazil (C. M.)
FIG. 46. *Jocara amazonalis* Schaus, ♂, *paratype*, Hyutanahan, Brazil (C. M.)

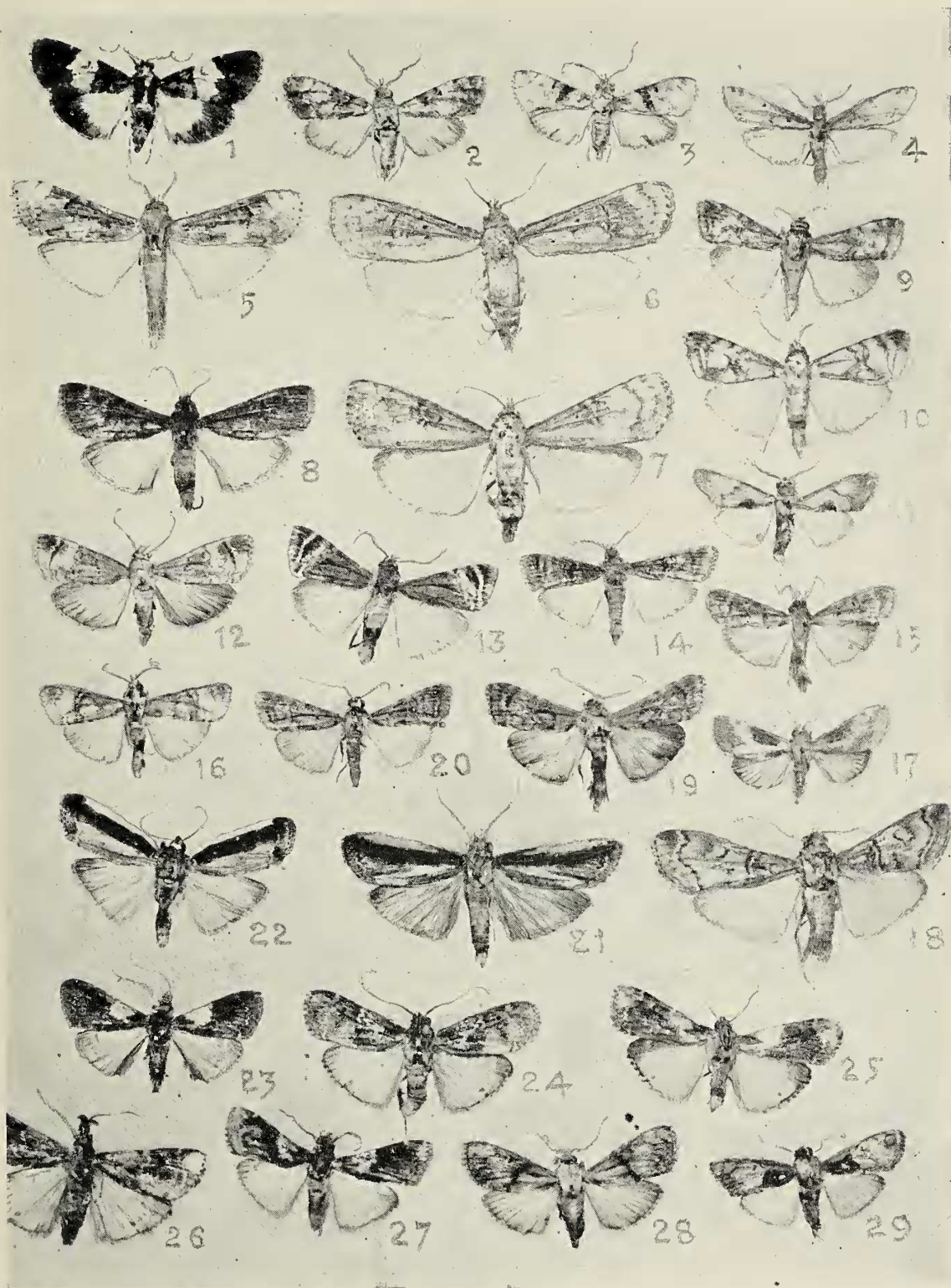


Epipaschiinae

(All figures about five-sixths natural size.)

EXPLANATION OF PLATE III.

- FIG. 1. *Macalla hyutanahana* Schaus, ♀, *type*, Hyutanahan, Brazil (C. M.)
 FIG. 2. *Macalla termenipuncta* Schaus, ♀, *type*, Prov. del Sara, Bolivia (C. M.)
 FIG. 3. *Macalla boliviana* Schaus, ♀, *type*, Prov. del Sara, Bolivia (C. M.)
 FIG. 4. *Macalla grisealis* Hampson, ♂, Pied Saut, Oyapok R., Fr. Guiana (C. M.)
 FIG. 5. *Cecidipta excæcaria* Berg, ♂, Juan Vinas, Costa Rica (C. M.)
 FIG. 6. *Stericta cecidiptoides* Schaus, ♀, *type*, Puerto Suarez, Bolivia (C. M.)
 FIG. 7. *Stericta olivenca* Schaus, ♀, *allotype*, Hyutanahan, Brazil (C. M.)
 FIG. 8. *Locastra trisulcata* (Warren), ♂, Juan Vinas, Costa Rica (C. M.)
 FIG. 9. *Chloropaschia afflicta* Schaus, ♂, Hyutanahan, Brazil (C. M.)
 FIG. 10. *Chloropaschia rufilinea* Druce, ♂, Juan Vinas, Costa Rica (C. M.)
 FIG. 11. *Chloropaschia zenoa* Schaus, ♂, *type*, Mana River, Fr. Guiana (C. M.)
 FIG. 12. *Chloropaschia mennusalis* Schaus, ♂, Prov. del Sara, Bolivia (C. M.)
 FIG. 13. *Chloropaschia fiachnalis* Schaus, ♂, *paratype*, Rio Purús, Brazil (C. M.)
 FIG. 14. *Chloropaschia aniana* Schaus, ♂, *type*, Mana River, Fr. Guiana (C. M.)
 FIG. 15. *Chloropaschia thermalis* Hampson, ♂, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 16. *Chloropaschia epipodia* Schaus, ♂, *type*, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 17. *Chloropaschia consimilis* Dognin, ♂, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 18. *Chloropaschia hollandalis* Schaus, ♂, *type*, Hyutanahan, Brazil (C. M.)
 FIG. 19. *Chloropaschia venantia* Schaus, ♂, *type*, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 20. *Chloropaschia ædesia* Schaus, ♂, *type*, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 21. *Stericta scopipes* (Felder & Rogenhofer), ♂, Juan Vinas, Costa Rica (C. M.)
 FIG. 22. *Stericta abrupta* (Zeller), ♂, Rio Japacani, Bolivia (C. M.)
 FIG. 23. *Stericta albifasciata* Druce, ♂, Sixola River, Costa Rica (C. M.)
 FIG. 24. *Stericta chionopheralis* Hampson, ♂, Pied Saut, Oyapok River, French Guiana (C. M.)
 FIG. 25. *Stericta leucoplagialis* Hampson, ♂, Rio Japacani, Bolivia (C. M.)
 FIG. 26. *Stericta apicalis* Hampson, ♂, Juan Vinas, Costa Rica (C. M.)
 FIG. 27. *Stericta leucoplagialis* Hampson, ♂, var. *purusalis* Holl. & Schs., Mana River, French Guiana (C. M.)
 FIG. 28. *Stericta ildefonsa* Schaus, ♂, Hyutanahan, Brazil (C. M.)
 FIG. 29. *Stericta bevernoa* Schaus, ♂, *type*, Mana River, French Guiana (C. M.)



Epipaschiinae.

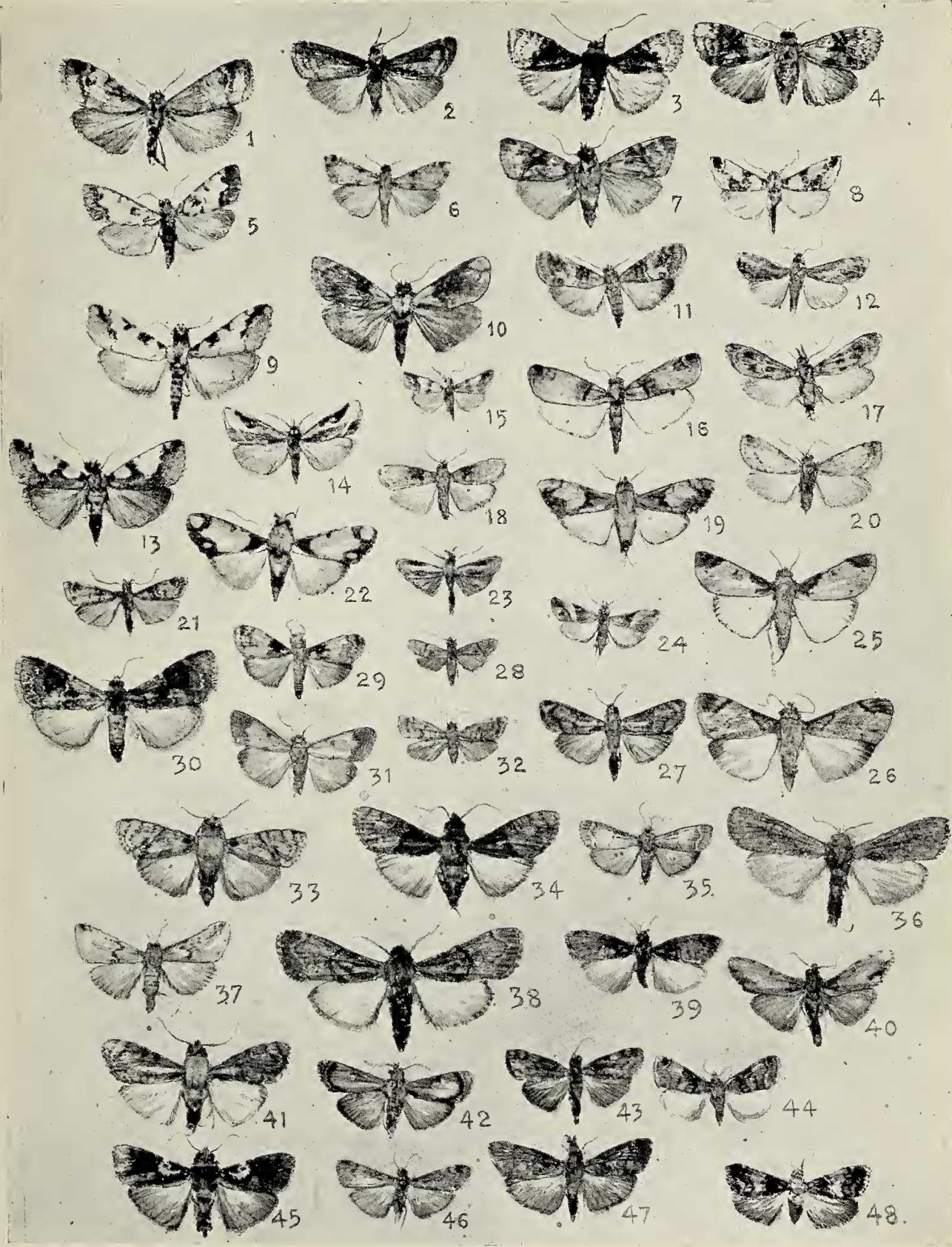
(All figures slightly less than natural size.)

EXPLANATION OF PLATE IV.

- FIG. 1. *Tioga olivescens* (Druce), ♂, typical, Santo Domingo, S. E. Peru (U. S. N. M.)
- FIG. 2. *Jocara majuscula* (H.-S.), ♂, Santiago, Cuba (C. M.)
- FIG. 3. *Stericta obliqualis* Hampson, ♂, near type, Hyutanahan, Brazil (C. M.)
- FIG. 4. *Stericta obliqualis* Hampson, var. *griseobasis* Holl. & Schaus, ♂, type, Hyutanahan, Brazil (C. M.)
- FIG. 5. *Milgithea albimedialis* Hampson, ♀, Jalapa, Mexico (U. S. N. M.)
- FIG. 6. *Paranatula vincentia* Schaus, ♂, *paratype*, Jalapa, Mexico (U. S. N. M.)
- FIG. 7. *Stericta obliqualis* Hampson, var. *menoralis* Schaus, ♂, type, Quirigua, Guatemala (C. M.)
- FIG. 8. *Tioga fieldi* Barnes & McDunnough, ♂, San Diego, Cal. (Holland Coll'n)
- FIG. 9. *Milgithea suramisa* Schaus, ♂, *type*, Mt. Poas, Costa Rica (U. S. N. M.)
- FIG. 10. *Tetralopha agnesa* Schaus, ♀, *type*, Chejal, Guatemala (U. S. N. M.)
- FIG. 11. *Tetralopha cuthmana* Schaus, ♀, *type*, Tucuman, Argentina (U. S. N. M.)
- FIG. 12. *Apocera costata* Schaus, ♂, *type*, Esperanza, Costa Rica (U. S. N. M.)
- FIG. 13. *Tioga egvina* Schaus, ♀, *type*, French Guiana (U. S. N. M.)
- FIG. 14. *Anarnatula subflavida* Dyar, ♀, Ecuador (U. S. N. M.)
- FIG. 15. *Tioga fovealis* Hampson, ♀, *paratype*, St. Jean, Maroni, French Guiana (U. S. N. M.)
- FIG. 16. *Oneida mejona* Schaus, ♂, *paratype*, Volcan Santa Maria, Guatemala (U. S. N. M.)
- FIG. 17. *Tancoa calitas* (Druce), ♂, Southern Mexico (Holland Collection)
- FIG. 18. *Tetralopha jovita* Schaus, ♂, *type*, Santiago, Cuba (U. S. N. M.)
- FIG. 19. *Stericta phæbadia* Schaus, ♂, *type*, Nova Olinda, Rio Purús, Brazil (C. M.)
- FIG. 20. *Tetralopha irrorata* Schaus, ♀, *type*, Sixola R., Costa Rica (U. S. N. M.)
- FIG. 21. *Tetralopha cyrilla* Schaus, ♀, *type*, Barracoa, Cuba (U. S. N. M.)
- FIG. 22. *Stericta paschasia* Schaus, ♂, *type*, Rio Purús, Brazil (C. M.)
- FIG. 23. *Anarnatula sylea* (Druce) ♂, Quirigua, Guatemala (C. M.)
- FIG. 24. *Jocara ragonoti* Mæschler, ♂, Santiago, Cuba (C. M.)

EXPLANATION OF PLATE IV—*Continued.*

- FIG. 25. *Macalla phæobasalis* Hampson, ♂, Matanzas, Cuba (C. M.)
- FIG. 26. *Macalla phæobasalis* Hampson, ♀, Santiago, Cuba (C. M.)
- FIG. 27. *Jocara longistriga* Schaus, ♂, *paratype*, Cayuga, Guatemala (C. M.)
- FIG. 28. *Micropaschia orthogrammalis* Hampson, ♂, *paratype*, St. Jean, Maroni, French Guiana (C. M.)
- FIG. 29. *Tetralopha hemimelas* Hampson, = *basigera* Dyar, ♀, Chejal, Guatemala (C. M.)
- FIG. 30. *Jocara ban* Dyar, ♀, Quirigua, Guatemala (C. M.)
- FIG. 31. *Macalla ochrotalis* Hampson, ♂, Cayenne, French Guiana (C. M.)
- FIG. 32. *Pococera capnodon* Dyar, ♂, *paratype*, Cayuga, Guatemala (C. M.)
- FIG. 33. *Stericta comgalla* Schaus, ♂, *type*, Pied Saut, Oyapok R., Fr. Guiana (C. M.)
- FIG. 34. *Stericta possidia* Schaus, ♂, *type*, Pied Saut, Oyapok River (C. M.)
- FIG. 35. *Tetralopha iogalis* Schaus, ♀, *paratype*, Cuba (U. S. N. M.)
- FIG. 36. *Stericta teffealis* Schaus, ♂, Chiquitos, Eastern Bolivia (C. M.)
- FIG. 37. *Stericta pontealis* Schaus, ♂, *type*, Pied Saut, Oyapok River, French Guiana (C. M.)
- FIG. 38. *Stericta petamona* Schaus, ♀, *allotype*, Hyutanahan, Brazil (C. M.)
- FIG. 39. *Tetralopha vandella* Dyar, ♂, *type*, Paraná, Brazil (U. S. N. M.)
- FIG. 40. *Stericta glaucinalis* Hampson, ♂, Pied Saut, Oyapok River, French Guiana (C. M.)
- FIG. 41. *Stericta eadberti* Schaus, ♂, *type*, Pied Saut, Oyapok River (C. M.)
- FIG. 42. *Stericta hermengilda* Schaus, ♂, *type*, Nova Olinda, Rio Purús, Brazil (C. M.)
- FIG. 43. *Tetralopha aelredella* Schaus, ♂, *type*, St. Jean, Maroni, French Guiana (U. S. N. M.)
- FIG. 44. *Tetralopha basilissa* Schaus, ♂, *type*, Iguala, Guerrero, Mexico (U. S. N. M.)
- FIG. 45. *Stericta anthimusalis* Schaus, ♂, *type*, Hyutanahan, Brazil (C. M.)
- FIG. 46. *Tetralopha scabridella* Ragonot, ♂, Porto Rico (U. S. N. M.)
- FIG. 47. *Tetralopha sabbasa* Schaus, ♂, *type*, Guadalajara, Mexico (U. S. N. M.)
- FIG. 48. *Tetralopha nigribasalis* Hampson, ♀, Cayuga, Guatemala, Identified by description (U. S. N. M.)



Epipaschiinae.
(All figures about five-sixths natural size.)